



Developmental Signatures

Core Values and Practices in Waldorf Education for Children Ages 3–9

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RainerPatzlaff, Wolfgang Sassmannshausen, et al.









Research Institute for Waldorf Education

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From the Editor

by

David Mitchell

derstanding of the needs of children which is then transformed into a rich and education. Observation and study of the child through these stages yield an undiverse curriculum. The developmental stages of childhood provide the bedrock for Waldorf

authorities has been a task of this book, thus the title Developmental Signatures. teachers, parents, and educators at all levels a window into this comprehensive results of the foundation set in the goals of this book. Together they should provide North America, the Survey of Waldorf Graduates, Phase II strives to penetrate the America concerning Waldorf graduates. Published by the Research Institute of this study on early childhood can be seen in parallel to the recent study in North The research completed by colleagues in Germany that provided the material for Translating these significant "signatures" into goals and standards set by state

set of abstract concepts can guarantee the success of an educational philosophy. provide a warmth that is a hallmark of this education. Of course no structure or education filled with life. the mantle of warmth which exists in every Waldorf community, that makes the Rather, it is the active, dedicated application by the Waldorf teachers, along with The photographs attempt to demonstrate visually what the text describes and

NH: Research Institute for Waldorf Education, 2007. This study is available through 1. Mitchell, David and Douglas Gerwin. Survey of Waldorf Graduates, Phase II, Wilton, AWSNA Publications, ISBN # 978-1-888365-82-5.

school is experienced, in its striving, as on a pathway leading to the ideals imagined for the individuality within each child, love for the spirit of every child, and the by the founder. working on self-development. When these forces are in harmony, the Waldorf transformation of the subject matter into living concepts by teachers who are also Three phrases can best describe the cornerstones of Waldorf education: respect

are necessary to allow for the emergence of self-motivated, moral, and capable a constant attack on "childhood" and the disregard of developmental stages that phy and also to help stimulate the greater educational debate in which we witness human beings. It is our hope that this book will serve the schools as they explain their philoso-

Foreword

by

Susan Howard

child from birth to age three. the third part of the project, currently underway, is exploring the education of the from ages three to nine in the context of education from birth to age eighteen; schooling of the young child. The first two parts are concerned with the child results of the first two parts of a three-part German study on the education and readers in North America and throughout the world. This book contains the We are very pleased to make this publication available to English-speaking

government authorities. of only general socialization and "child's play" and largely ignored by school and And in many cases, kindergarten and preschool education were seen as a phase countries these two realms have developed quite independently of one another. divided into preschool or nursery/kindergarten, and elementary school. In many phase has not generally been approached as a continuum. Instead, it has been from birth through age eight, or, as it is often referred to in Waldorf education, the nine-year-change. Traditionally, "early childhood" has been defined as the period of development However, the schooling of children in this developmental

for increased direct and explicit academic instruction at earlier ages, "outcomespositive benefit has been the growing recognition of the importance of the formative in the relationship between early (preschool) education and later development. A of preschool age. In addition, school entrance age is being lowered by governments based" learning, and extensive testing and assessment for all children, even those early childhood years; more questionable outcomes have included political pressures for Economic Cooperation and Development (OECD), have led to greater interest for International Student Assessment), conducted by the European Organization In recent years, however, brain research and other studies such as PISA (Program

and educational authorities around the world to insure that national political and economic interests are well-served and that academic and technological instruction "available" to all

productive dialogue with the authorities and the public. articulate their core values and practices in language that allows them to engage in more than five hundred and fifty Waldorf kindergartens have been challenged to such externally-imposed curriculum goals. In Germany, where Waldorf education began and is now widely established, the nearly two hundred Waldorf schools and parents and the public to articulate how, or whether, Waldorf education meets the world are increasingly challenged by governments and licensing authorities. In this atmosphere of growing pressures, Waldorf educators throughout

is the booklets called "Guidelines I and II," which we combine and publish here. change, and then on into adolescence. A result of the first two phases of the study nursery-kindergarten and extending through the lower grades to the nine-yeareducational needs of the developmental period of early childhood from age three and medical doctors, this collaborative working group chose to focus first on the group to explore and articulate how Waldorf education meets current expectations education of the child extending from birth to age eighteen. child from birth to age three, in order to complete the picture of a comprehensive The group is now in phase three, exploring the development and education of the educational debate. Comprised of kindergarten teachers, class teachers, researchers, for educational standards and to attempt to expand the parameters of the wider International Association of Waldorf Kindergartens, formed a collaborative working The German Association (Bund) of Waldorf Schools, together with the nine, looking at the educational process as a continuum, beginning in

center is the acknowledgment of the individuality of each developing child. framework articulating the core values and practices of Waldorf education. At its The result of the working group's study is a comprehensive educational

foundations for later life. Its curriculum includes free creative play, movement kindergarten is seen as a place where children can acquire essential sensory experiences, rhythmic-musical-artistic activities, a playful

significant, is the development of qualities such as authenticity, independence ethical values, social awareness, resilience, and health; these are the larger goals and artistic ability, and media competency. In addition, and perhaps ultimately more in such areas as mathematical-scientific thinking, literacy and linguistic capacity, "desired outcomes" of Waldorf education and form the basis for a fullfilling life. work processes. These elements provide a foundation for elementary school learning exploration of nature, and surroundings where adults are engaged in meaningful

group identified and described the following elements: schooling: what is needed for a healthy educational experience to take place. The The working group also explored the conditions required for successful

- professional development The self-education of the teachers, engagement in a process of lifelong
- Close collaboration between teachers and parents
- Cooperation between the kindergarten and the elementary school
- Collaboration between teachers, doctors, therapists and specialists
- Colleagues engaged in research into the nature of their educational work and the learning of children
- together with other Waldorf schools Collegial self-administration with an entrepreneurial attitude, working
- Integration into the wider social and cultural community
- Attention to architecture and the shaping of the educational environment itself

our colleagues in Europe can serve as a helpful stimulus and support. climate in which our Waldorf schools and kindergartens find themselves, and to strive to adapt in insightful and meaning-filled ways to meet the changing cultural practices both within the European community and throughout the world. As we articulate both to ourselves and to others what it is that we stand for, this study by for reflection for deepening and renewing Waldorf and non-Waldorf educational The results of this working group's study in Germany are a great resource

English language translation is a joint project of the Waldorf Early Childhood This has been an enormous collaborative endeavor. In this spirit, this

bringing it to print. for providing the necessary financial support and to AWSNA Publications for We are grateful to the Waldorf Curriculum Fund and the Waldorf Schools Fund of North America (AWSNA), and the Research Institute for Waldorf Education. Association of North America (WECAN), the Association of Waldorf Schools

Part 1

Introduction

order for these faculties to mature into long-lasting abilities. Education, whether the transformation of physical processes (growth, sensory-motor faculties, and so at the totality of child development. The principle of transformation is critical, must be founded on these stages of development. in kindergarten or grade school, that is geared toward wholeness and sustainability forth) into mental and spiritual faculties. Every step of this process takes time in mandatory school age dictated by lawmakers, it is imperative to take a closer look blurred boundaries between kindergarten and elementary school and younger In the present political situation regarding education with increasingly

apply. The health, creativity, and achievement potential of a young person depend educational process quite individually, there are certain anthropological laws that upon the attention, or lack thereof, paid to these laws. mental foundation for lifelong learning. Even though each child goes through the arbitrarily shortened or skipped without seriously endangering the physical and The individual stages of development build upon one another and may not be from various perspectives in order to make it clear that this is a complex process The different phases of development from ages three to ten will be illuminated The following overview sketches the guidelines for this kind of education.

understand the basic principles of Waldorf education. no way claims to be complete. We have met our goal if we have helped the reader What is described here is only the outline of this educational process and in

the International Association of Waldorf Kindergartens, and was conducted by a commission of physicians and educators including ourselves, Doerthe Baganz Jachmann (Villingen-Schwenningen), Margarete Kaiser (Dietzenbach), Kristin (Berlin), Helmut Eller (Hamburg), This study was commissioned by the Bund der Freien Waldorfschulen and Regina Hoeck (Überlingen),

you all our heartfelt gratitude! draft of this publication with their productive criticism and suggestions. We give colleagues from the elementary schools and kindergartens contributed to the final (Stuttgart), Martyn Rawson (Stuttgart), and Almuth Voges (Kassel). Many von Bleichert-Krueger (Leipzig), Helga Matthes (Berlin), Claudia McKeen

Dr. Rainer Patzlaff and
 Dr. Wolfgang Sassmannshausen

At the Center, the Individuality

Steps on the Way to Human Freedom

purpose, a pure, ideal being, and the great task of his existence is to come into emerge as a guiding theme or ideal in life, in the sense of Schiller's declaration, earthly existence, joined with still hidden impulses for the future that gradually and birth and, from its past, brings a very personal destiny with it into a present inviolable individuality in every child. This individuality exists before conception the center of his anthroposophical Spiritual Science, Waldorf education sees an "Every individual person carries within himself, according to his disposition and Commensurate with the view of human beings that Rudolf Steiner put at

harmony with the unchangeable whole unity, in all its diversity, of that ideal."

The degree to which a person is successful in living and acting in harmony with his or her own "disposition and purpose," to that degree he or she is also free. It is the yearning for this freedom that connects all human beings. It is common to all and at the same time individual. It is the task of education to support and guide young people on their way towards this freedom.



Education and Self-Education of the Child

this would be the same as showing contempt for a person's individuality. In his early years, the child has the ability to "teach himself" (Schafer 2004). Further, he If one were to view the child as a mere object of teaching and conditioning,



has the optimal prerequisites: an amazing, never-relenting drive to act and learn on the one hand, and on the other hand, limitless openness and the ability to devote himself to all impressions and influences from his environment. Primal trust in the world and in his own capacities are what form the child's "startup capital."

But the ability for self-development is stymied when not met with a willingness of adults to responsibly provide for an

same time, a protected environment wherein the child can develop unhampered. stimulus for necessary experiences that encourage social interaction and is, at the create an environment conducive to development, an environment that offers being whose path is dependent on surrounding conditions. Therefore adults must In contrast a human being is born into the world as an unfinished, not yet defined shall grow up. Limited by instinct an animal's development is largely predetermined appropriate environment in which the child

of life (Bowlby 1966, Ainsworth 1978). From the first moments of life, the child opportunity to firmly, securely bond with a caring adult during the first few years and autonomy of personality cannot develop in later life if the young child had no change their brain functions through their own exercise and learning processes needs both education and self-education. (Eliot 2001, Huenther 2001, 2002). Social research has determined that freedom that human beings are the only living things who have the freedom to continually environment have been affirmed by modern research. Brain research has determined The inseparable dual aspects of self-development and formation through the

The Physical, Vital and Mental Instruments of the "I"

that serve as instruments of the "I," allowing it to exist in the world and develop the unchangeable spiritual core of a human being and the three organizations Education in light of anthroposophy draws a distinction between the "I" as

the individual's life themes. These three instruments are the physical organization, the vital force organization (that keeps the life processes going until death), and the mental organization.

The three organizations (or "members of the human organization," as Steiner called them) can serve only when the "I" has gained control over them and completely penetrated them so that they become the expression of the individuality. However, this is a



of the child's having reached his majority, and with it, formal education comes to successfully penetrated these three instruments. When that time comes, we speak parents, educators and, when necessary, by doctors and therapists, until the "I" has responsibility for realizing his or her own "disposition and purpose." an end. After that a person can only educate him- or herself and must take on the lengthy process that requires careful tending throughout childhood and youth by

complete integration into the threefold body. or challenges which the "I," as an integral spiritual being, meets on the way to occur, they are not to be evaluated as deficits of personality but rather as obstacles very individual problems present in different children. Wherever such problems in general. But they also need to sharpen their diagnostic gaze to be able to discern developmental laws of the threefold organization and its complicated interactions incarnate, in order to fulfill that task. Adults need to have accurate knowledge of the his individual "I" into the three organizations, or, to use an old expression, to It is therefore the task of education to support the child in his efforts to anchor

Salutogenesis as a Foundation for the Educational Process

disruptions, requiring continual and renewed efforts to bring the whole organization occurrence in either children or adults. It is an extremely sensitive process prone to The interplay between the "I" and the threefold organization is not a routine

temporarily impaired. Herein lies the significant cause of illness. into healthy balance. It is part of human freedom that these efforts can fail or be

a way that the full potential of the physical, mental and soul aspects can develop a possibility for the individual "I" to permeate the threefold organization in such and purpose." Through this one gains the freedom to act according to one's own "disposition is successful, we speak of "health." By this we do not mean an absence of illness, but the ability to meet the challenges of this process and master the obstacles. When this Therefore, the goal of any true "art of education" must be to impart to the child

salutogenesis (well-being and health) have resulted in the knowledge that health education is in complete agreement with modern research. Investigations into in which special conditions must be met for comprehensive good health. Maticek 1999). Specifically, this research into salutogenesis has identified three areas produce for him- or herself (Antonovsky 1993, 1997, Schueffel 1998, Grossarthdegree upon certain mental/spiritual conditions that a person can or can learn to depends only in small measure upon biological factors and to an amazingly high conditions that need to be created and supported by education. In this, Waldorf Health does not come about just by nature, so to speak. It requires certain

germs). This ability, as can be observed in infants and young children, can in no or are successfully rejected by the immune system (as happens with a splinter or has looked especially at the aspect of conflict and overcoming resistance, whereby way be taken for granted. It has to be developed over time. Salutogenesis research transformed into bodily substances by the metabolic organs (as happens with food) with foreign substances coming from the outside so that they are either successfully The physical-bodily organization of the human being must gain the ability to deal

the physical-bodily organization gains strength and the ability to assert its own form.

The soul organization is dependent on a strong experience of coherence, a secure feeling of connection with the world. This surely can come about only if the child has appropriate experiences that lead him or her to

meaning, and it is rewarding to try and meet the challenges of life b) manageable and pliant, and c) meaningful, so that also one's own efforts have the absolute certainty that the world is a) principally transparent (understandable),

of life because he or she views them not as unchangeable facts, but as challenges and security in life. In wellness research this is usually referred to as "resilience" self-development. grow in strength through conflict and that challenges provide opportunities for that must be met. Resilience is rooted in the knowledge that one's own forces will (Opp 1999). This means the individual can meet the hardships and adversities experiences of coherence. It is an unconditional requirement for developing courage The spiritual organization is strengthened to master problems through

Self-assertion of the physical body, coherence, and resilience together form the foundation that makes it possible for the individual to put into action his or her own very personal impulses and plans in life, thereby becoming productive and creative. This autonomy does not come about through intellectual learning processes but from active interaction with the world through direct experiences of all kinds, from achieving mastery of the physical body, from free, imaginative play, and from meeting life's challenges head-on. In short, self-education creates the foundation for health. Education that strives to provide the highest possible



work in accord with the knowledge of salutogenesis down to every detail. freedom for the individual to unfold his own strengths and abilities will therefore

Developing a Healthy Physical Organization

acknowledged in kindergarten and elementary school. These include body hygiene nutrition and food, exercise and a healthy environment without pollutants and high responsibility for these measures lies mainly with parents, but should also be Various measures can be taken to strengthen the physical organization. The

strengthening or weakening (Rittelmeyer 1994, 2002). the child clear down into his finer metabolic processes. The effects can be either materials used, the way they feel and smell, the acoustics, and so forth, all affect one of the most important being, for example, the aesthetics of the environment, noise emissions. There are other factors important to the healthy growth of children. The architectural design of the classrooms, colors and pictures on the walls, the which are perceived by the child very strongly, although entirely unconsciously

child, the stronger the effect. (There is more on this theme later on.) effect on a child's mental constitution and physical organization. The younger the rhythm to the days, weeks, months and years has an extraordinarily strong positive The structure of time also has a profound effect on the child. Having a healthy



Developing a Sense of Coherence through Direct Experience

organization. The child dedicates himself, though unconsciously, to this task out standing, walking, and speaking are not genetically programmed. Rather these of his own impulse with the greatest intensity and from the first moments of life Nevertheless, the child would not accomplish this goal without caring adults because First and foremost, the young child's task is to form and permeate his physical

abilities are gained through interactivity, through example and attention provided by adults. Accompanied and encouraged by caring adults, the child builds up his sensory faculties through practice, gradually gains mastery over his muscles used for movement, and thereby gains freedom to move around and get to know his environment. All of these efforts result in the building of differentiated neural networks in the brain, and these in turn form the basis for what later appears as imagination and cognitive thinking (Eliot 2001).



interacting with the world, that is, experiences gained with and through one's own Of significance for self-development is having a lot of direct experiences when



sensory skills, all contributing to and the development of motor and the child's being able to make an on activities. These experiences in comprehension but through handscome about through intellectual A feeling of coherence does not manageable and transparent place taste, touch and handle them before mentally. A child must smell things, physically before be can grasp them world. He must first grasp things stand before he can understand the body. The child must first be able to turn affect the structure of the brain he can experience the world as a



increasingly stronger connection to his physical organization and his environment.

The lower senses (touch, movement, balance, well-being) play a special role which is not directed to the world outside, but to the inside, to one's own body. They signal one's position and movement in space (senses of movement and balance), coming into contact with things and conditions (sense of touch), and perception of the internal organs as a whole (inner sense of well-being). Through movement in space, contacts through the skin, and the effect of

gravity, the child experiences 1) his

experience of the self and the world flow together. own body and 2) the spatial-material outside world in which the body exists. Here

and elementary education today. Complete development of sensory-motor skills and movement are among the most urgent requirements in preschool, kindergarten of concrete, physical experiences through the senses. Cultivating the lower senses children today are missing. Trust in one's own strength and the manageability of the self and the world as possible through the lower senses. And that is just what many any real encounters (Patzlaff 2004, Spitzer 2005). give the child the illusion of encountering the world and at the same time prevent early phase, electronic media do nothing to promote development. They merely is required to create the space for healthy soul and spiritual development. In this world will not come about by talking to or cajoling the children. It happens by way Engendering a sense of coherence requires as many such dual experiences of

Development of Resilience

situations, be accepting and able to find meaning in events. Such experiences give a social network of caring adults who set examples by their own behavior of what the child a certainty that even those events that at first appear problematic can be challenges of life. Through them the child learns to put events in perspective, master it means to stand in the world in such a way that one is not overwhelmed by the in turn give rise to the strength to meet today's challenges and grow from them. put to rights. A positive attitude and joy in life are given their foundation, and these What the child most urgently needs is a network into the immediate world

and resilience. Early childhood is the crucial phase for fostering these qualities. aims in life which he brought into this life from the world before birth. The basis rather the feeling and willing forces that have been strengthened by coherence for personal autonomy is not intellectual learning and conscious reflection but composure, a positive attitude and interest has the potential to realize his or her is accustomed to working through hindrances and opposition with courage, motivation and ability for lifelong learning and development. A person who A sense of coherence that is built upon resilience in this way promotes the



in freedom of the unique individual. environment gives rise to the development of the personality and the emergence The unconscious immersion into a supportive and nurturing social and physical



Early Childhood Learning and Its Conditions

The Special Nature of Early Childhood Learning

gaining the ability to speak. An infant's speech organs are such that any language in of the environment with all of his senses. At the same time, the child cannot help difficulties adults encounter in forming the sounds when trying to learn a new foreigner is a tell-tale sign of this phenomenon. And we are all familiar with the to meet the certain characteristics of that particular language. (The accent of a tongue, he forms the tools for speech, all the way down to the anatomical structure, the world can be articulated. Over time, as the child actively acquires the mother way, the world inscribes itself into the physical body. A familiar example of this is but incorporate these experiences into a still pliable physical constitution. In a this learning. A young child opens himself up to all the influences and impressions body, and on the other hand, the physical body is formed and structured through physical development. On the one hand it happens to and through the physical Early childhood learning unfolds in a continually changing relationship to

In contrast to the school-age phase, this phase of life is therefore an implicit, indirect process guided not by reflection and thought, but by activity and perception. All of the young child's mental activities are still completely directed to the outer world, connected



had been no interruption. then his memory is refreshed and he will continue the play activities as if there he goes back to the kindergarten the next day and sees the toys he played with child cannot say with whom he played during the day in kindergarten. But when kindergarten years. For instance, often to the amazement of the adults at home, a remains connected to his sensory surroundings (place memory) until well into the through the senses with his environment. Many facts prove that. A child's memory

yet come from the outside but rather is determined by sensory impressions he has been invented by the children. play with other children based on these memories and with certain rules that have in the fifth or sixth year will the child begin to form such imagery and "organize" inner imagery or abstract (apart from sensory impressions) memory pictures. Only does not live at a distance from things in such a way that would allow him to foster taken in at some point and now imitates in his play. During this time, the child Another characteristic of the early years is that the motivation for play does not

The Pedagogy of Creating an Environment: Order and Reliability

it is necessary to create surroundings that are rich in stimuli and possibilities for To meet the special nature of early childhood learning in the best possible way,

hands-on experiences. Learning that is connected to the physical body and its senses requires a differentiated environment that can be directly connected with the physical organs.

The child is confronted not only with the sensory, hands-on qualities of objects and materials, but also with a less obvious, but also important, factor, namely the order and reliability of the surroundings. As soon as children can walk, they begin to familiarize themselves with their environment, step by step. They begin with the rooms they live in, then the house, and finally with their surroundings as far as they are allowed.



Full of curiosity and lively interest, they examine and investigate everything they see. Whatever they have come to know that is near their house is so important that they cannot wait to see it again on the next walk. They greet the things they have come to love like they were old acquaintances.

It is important for their life-sense that they see again today what they saw yesterday. Children in this age group feel compelled to make themselves at home in their environment as well as in their physical bodies. They want to put down roots. It is imperative that Mother and Father are still there on the next day and the day after, that the familiar



strengthened, but also their experience of coherence. that way they can deeply connect with their environment. If they continually things are still to be found in the same places, that everything is in its place. In experience this, then not only are their memory and spatial orientation capacities

they the children can become restless and agitated. Any absence or disturbance of conditions exist, then the children can feel well and protected. If they do not exist, thus signaling to adults how dependent they are on this experience. If those Children emphatically demand that they find ever again the order of things.

this order affects their feeling of well-being. A reliable order of things can give them security, much like a pilot who knows that the landing place awaits him when he returns after his exploratory flight.



The Pedagogy of Creating an Environment: Rhythm and Repetition

order every day. Rituals play a large role here, especially during the transition times daily activities are not chaotic but rather rhythmically organized, following a certain of time. It has an extraordinarily positive, even healing, effect on children when their What applies to the spatial surroundings goes also for the order and reliability



from day to night. In the morning rituals help the children to find their way from the unconsciousness of sleep into the daytime. In the evening a bedtime story, a song, a prayer, or all three can help children to calm down for sleep after all the excitement of the day. Mealtime rhythms are also important, not only for reliability, but also for socializing and nutrition psychology.

that are celebrated together become greatly anticipated high points of the year for the children. contrary, they love the return of what they know and look forward to it. Festivals rhythms. Preschool-age children are not bored when events are repeated; to the becoming mechanical, it should be embedded in weekly, monthly and yearly In order to keep the daily rhythm from

also benefits healthy sleep. The physical foundation is laid in early childhood The rhythmic structuring of time not only promotes mental balance, but

for the undeveloped forces that later in adulthood will be called upon to deal with and master life situations that are not rhythmically ordered, in such ways that even in extreme cases of non-rhythmic schedules, adults can more or less maintain their health. Speaking in



rhythm and order bears fruit in adulthood in increased resources of resistance and terms of salutogenesis, the feeling of coherence that is strengthened through

Creating a Learning Environment: Facts and Connections

without any explanation, the child could see and experience what the activity of design of mutual effort. was directly apparent to the child's mind. From pure and simple observation, only one example, formed a sequence of actions whose meaningful connection into flour; and the baker who made the flour into bread. Such perceptions, to name and serve a purpose. In earlier times children had plenty of opportunities for this one person meant to another and how every activity related into a meaningful farmer who planted, harvested and threshed the grain; the miller who ground it experience in simply observing the daily activities of the surrounding adults: the child comes to know that events and processes are connected, have meaning One of the conditions necessary for the experience of coherence is that the

or any experience of coherence. correlation between the single activities and details for the child's consciousness. to manufacture them and make them work, where the food comes from, who food a few minutes later. How the kitchen machines function, what is necessary has only to open the refrigerator, put the food in the microwave, and take out hot by machines, these relationships (even the activities themselves!) are invisible. Before, the mother had to first make a fire in order to cook a meal, but now she In the technical environment of our day when so many processes are handled -the child can no longer see all of these efforts. There is no direct/visible

and dried by hand. Or when the heat that one needs for cooking is not turned on with a knob but instead must be made by piling up wood that has first been sawed experiences of what it means when, for example, after a meal the dirty dishes do not understanding, to experience it as transparent, manageable and meaningfully and split, and then lighting it. disappear into the dishwasher and reappear clean and shiny, but must be washed structured. It is important for their development to have at least occasional But children have a fundamental need to penetrate the world with



The point is not to send the children back to the Middle Ages, but to provide them with situations in which they can, through their own activity and observation, learn about processes that build upon each other in a meaningful way and have intrinsic connection. There is nothing better suited for this than the basic work activities in one's house and yard and in the practical crafts and professions as they were practiced as a matter of course in earlier times. By participating in such activities, and through repeating them in play, the child experiences coherence on a sensory basis, which precisely corresponds

kindergarten experiences by examining such themes in a more intellectual way. to the essential nature of his learning. The elementary school can build upon these

The Personality of the Teacher/Parent as a Formative Influence on the Child

even hate-filled, atmosphere. under the poorest of outer circumstances if he is sure of his parents' love. And, are even more important for the child than the outer realities. A child can thrive conversely, the most beautiful toys mean nothing if the child lives in a loveless. that world is the inner thoughts and feelings of the adults. These inner realities that can be perceived with the senses. To the child, the world is one. And part of environment. This should not be taken to mean only the physical surroundings We have discussed the significance of the pedagogical approach to creating an

children perceive the truth of the "inner realities" of adults. Whatever the adult nuance of voice, and the look in one's eyes all tell the child a lot more than is often does or says, children sense the moral quality behind it. Gesture, facial expression. Not every adult understands the undeniable certainty with which young

great significance to the child. It can promote or hinder the child's development. the mercy of all impressions, positive and negative. Their effects penetrate down into acknowledged. Judgments and thoughts, emotions and intentions of adults have a reason, the environment of thoughts, feelings, intentions and desires of adults is of even the subtle structures of the physical, vital and mental organizations. For this not able to dryly observe from a distance as an adult can. A child is existentially at tremendous impact on the young child, even if they are not verbalized. A child is

when the impressions are of a burdensome nature. Children live in the unity of at one with their behavior and have the unspoken expectation that others are also own self. Such behavior goes against the nature of young children, who are always with the outer expression, when the adult is no longer in harmony with his or her words and deeds are continually clashing, when the "inner realities" are not aligned even have to be negative thoughts around the child; it is enough when the adults' authenticity of his own adult personality. mental health and, with it, the basis for later conscious striving for the identity and extent to which the child can have these meetings determines the foundation for meeting people who are likewise authentic and in harmony with themselves. The the world and the "I," of the inside and the outside, and they are dependent upon throw themselves into their environment at every moment and identify with it, even "true" in this respect. With complete abandon, and no calculated distance, children What adults have caused can seriously impact the destiny of a child. It does not



Self-Education of the Educators

authentic personality, the foundation is laid for a deep, secure feeling of coherence educational program, however well-intentioned. Whenever the child experiences are the real formative environment for the child and have a greater effect than any between the inner and outer worlds. One can see what a responsibility the educating adults carry. Their personalities

give meaning to one's own life, a meaning that is not only conceptual but also adults. Their imitation does not stop with actions. There is also joyful immersion cornerstones in situations when one has to weather life's worst storms, and they life is dependent on the development of such inner values and qualities. They are but especially for the child who experiences them. A person's resilience in later integrity, and so forth, have value not only for the adults who cultivate them, into the qualities and values of adults. Interest in the world, joy in life, moral Children naturally want to follow, with unconditional trust, the examples of

personality of the adult which becomes the "formative" influence on the child. that adults can live up to only if they work on themselves. "Education is first and what adults know but rather who they are and what they do. There is an expectation foremost self-education of the educator." More than all other factors it is the Children live towards this goal. That is why it is not so important for a child



The Significance of Free Play

a completely different activity, namely, in free play. Here the children are on their structuring of the child's environment: if it is reliably ordered and rhythmically own and not under any outer authority or preconceived purpose or instruction. child has something to hold onto. This dependability allows the child to unfold in structured, emotionally grounded on a soul level, and mentally authentic, then the no directions, from adults. from within. In principle, free play does not require any encouragement, or at least They follow only their own impulses. The themes and content of play are created Ainsworth 1978, Spangler 1996). The same impact goes for the pedagogical mature in later life into a truly free, self-determining personality (Bowlby 1966 intense connection with a caring adult from earliest childhood is well-equipped to As social research has found, one who is fortunate enough to experience a solid

At the beginning of its development, an infant playfully investigates its own body. It practices eyehand coordination and motor skills gradually. As soon as an infant can purposely take hold of something, it devotedly busies itself with all the things that it finds in



the next object. When the child can move freely about the room and observes the its surroundings and investigates each object with all it senses before going on to and so forth. has assigned a "meaning" to the object that can change again in the next moment character. The child will make a toy out of the most unlikely object, for the child many daily activities of adults, then play takes on a different, more imaginative For instance, a piece of wood can serve as an iron, then a trumpet, then a piano.

and boards offer the child a practically inexhaustible field of activity in which to and small pieces of wood, and also pieces of cloth, buckets and tubs, empty boxes the object that is the crucial factor. The activity sparked from within transforms into unfold his or her creative potential. Here it is the child's assigning the meaning to spontaneity and imagination are unnecessarily curtailed, and the child will quickly true-to-life representation of some useful object in every detail, then the child's imagination and thinking and forms the foundation for learning in school. Materials from nature such as pine cones, chestnuts, rocks, roots, branches, large lose interest. Objects that are free from fixed purpose are much more suitable as toys. This is the time when adults like to give toys to children. But if the toy is a

and reflection. This has nothing to do with scientific research as yet, but rather through active connection with the world and not through intellectual observation the child, when left to his own, carries on with his "self-education." This happens experience all the laws of mechanics within the activity, and we can observe how the world. As an example: the child can literally "grasp" the natural laws when, research in later life. possible for the study of the natural sciences in later schooling and natural science with the most intensive perception of the phenomena. This is the best preparation for instance, he builds a tower from some unformed natural materials. He can During free play the child unconsciously internalizes his or her experience of



The Transition to Elementary School Learning: When Is the Right Time?

Play and Social Behavior of the Six-Year-Old

also reenact the railroad journey as realistically as possible. store in providing the train with all the details they can remember, and they will when a few chairs are arranged in a row—one behind the other—making a train outside, but they can develop their play idea based on a memory of a previous encounter in their romp through the apartment or through the kindergarten. spontaneously, born in the moment, prompted by an activity or an object they car and "riding" in it for a while. Six-year-old children, however, will set great from here, in comparison to younger children. A four-year-old is already satisfied useful to them for that task. There is also a great difference in how they proceed furnishings for making a railway train and gather together everything that seems for example, comb through all the rooms of their home to collect all suitable In this activity they prove to be most determined and persistent, as when they, experience. They try to recreate what they saw or experienced at a previous time. Six-year-olds, in contrast, do not necessarily require such prompting from the Four-year-old children generally find the theme for their play activities

themselves. While they may like it when younger children join in, the six-yearmostly the same age, and governed by rules and rank which they determine olds are the ones who direct the play and assign roles to the younger children. Moreover, it is important for them that they play together with other children.

which will, in later years, become very important: the faculty to form a precise a goal for himself, independent from outer promptings. A new faculty is emerging mental image of a future course of action, in other words, anticipation. The six-yearform an exact notion of how his play idea should be actualized because he can set Here we see a new stage in the development of the child. The six-year-old can



old already commands a respectable amount of overview capabilities and uses them to organize his play into meaningful action sequences. On the other hand he is still child enough to spontaneously integrate new elements that emerge during play

and flexible enough to incorporate them into the play process.

and they delight in being recognized as such. the knowledgeable ones among the kindergarten crowd, the "kings and queens," privilege of substituting for the kindergarten helper if she should be out. They are volunteer for tasks like setting the table. They are enthusiastic if they are given the for example, involve the younger children, show them how to do it right, and six-year-old children in kindergarten. They like to take the initiative in free play, The awakening of social competency counts among the striking attributes of

of kindergarten. the boys gain from being granted the benefit of increased status in their last year their self-esteem, generating a developmental surge that strengthens their ability the younger children with circumspection and prudence. These successes foster two and three years to gain experience in their kindergarten before they can direct sufficiently to be able to fulfill tasks independently. It also takes children between or seventh year, not least because only now the motor skills have been developed to meet the challenges in elementary school. Often we can observe how especially Experience teaches that this status can hardly be achieved before the sixth

important practical experiences which culminate in being allowed to help a the mixed-age kindergarten group is like an "extended family" that offers them with younger or older siblings at home because they are the only child. For them, younger child from the position of being the older one, to be responsible for the Today more and more children can gain little experience in relating naturally

this opportunity. Children sent to grade school too early will miss this experience. younger one. The homogenous age group of the grade school class does not offer tranquility is an essential consideration. but allowing the young child to reap the fruits of his or her kindergarten time in not preclude any special circumstances which may lead to a different decision. child gains in the last kindergarten year for his further development. This does The presumed "loss" of time is more than compensated for by the strength the

Intellectual Precocity and Dissociation

a school physician was performed to ascertain if the six-year-old was truly mature birthday, or the seventh year of life. However, in times past, a specific assessment by a longstanding tradition and today is more and more put to question. "School change of teeth or maturity of appearance and motor and sensory development. the start of school for that child. Physical criteria were of importance, such as the enough to begin elementary school, which sometimes resulted in postponement of maturity" is a developmental stage that is expected to occur around the sixth Linking the beginning of elementary school to a child's chronological age is

old. This trend is supported by the opinion, borne in business circles and often to enroll their children in grade school when they are only three or four years set the time for starting school earlier and earlier, giving parents the possibility Such assessments are no part of the decision when, of late, laws are passed that

potential prepare the children in earlier a timely manner for the too long in kindergarten children is lying idle for adopted by politicians, challenges of their later and should be fostered challenged much the Ħ. of intellectual order today's





that is not at all true in regard to their way, intellectually, ready for school, but gaps between the various levels of their development. Perhaps they are in one quite frequently an acute discrepancy such children more closely, we find for starting school. But if we examine before they reach the traditional age awareness and achievement readiness observe some of today's children we can indeed years earlier than so far assumed. In maturity" would indeed occur many line of reasoning, the child's "school work lives (careers). If we follow this remarkable intellectual

can be seen as a sign of a lack of stability in the foundations of development, is not in step with physical maturity, and so forth. In each case, such dissociation which would not be able to meet the manifold challenges of school in the long We can also find other forms of dissociation, such as when intellectual development physical, soul and social development

additional effect of weakening their self esteem. often have to repeat one or more classes (Beilenberg 1999), which then has the who start school too early show a conspicuous setback in the higher grades, and crises. The scientific studies we have available to date document that children resilience will be challenged to a much greater degree to deal with the inevitable which are built in childhood, until the upper classes are reached—where the soul's cannot see the true elasticity and resilience of the foundations in body and soul be hoodwinked by the early successes of a child in the first grades. We generally We need to take the long-range perspective into account. We should not

to disregard the requirements for healthy development as outlined above. The Taking intellectual precocity as a benchmark for the start of academic learning

when they go hand in hand with creativity and social competency-not at their individuality and shaping them into a full-fledged instrument for his personality. sufficient opportunity for permeating the organization of body and soul with his young human being needs a full measure of coherence and resilience for mastering The cognitive and intellectual capacities can only unfold in a healthy manner his later life-tasks; to develop such resilience and coherence, he must be afforded

impulses but motivated by a therapeutic challenge. We must make sure that the the children this time, to base school readiness not on mindless philanthropic from under the children's individuality. with their own "nature and purpose" are not compromised by pulling the rug out developmental foundations which they need in order be able to live in accordance But for that, the child needs time. In Waldorf education we strive to give

The Seven-Year Rhythm—A Health-Generating Principle

a widening chasm in the various levels of development also during their school the preschool years; the problems in puberty are created by the unsupported oneintellectual faculties which are ahead of sensori-motor and social development in life, which still appears childlike. This phenomenon differs from precocious years, manifested particularly by an earlier onset of puberty. At that time the sided acceleration of physical maturity. development of the physical body forms in glaring contrast to the child's soul-The problem of dissociation is not limited to preschool times. We observe

of our children. to even them out and harmonize them in the interest of the healthy development between developmental processes, the more urgently we must act pedagogically, how do we meet this enormous challenge of our future? The wider the gaps of the overall acceleration which characterizes our modern, hectic lifestyle. But It is not productive to simply deplore such phenomena. They are expressions

opportunity to employ such harmonizing and compensating pedagogy. We can In Waldorf education an awareness of the seven-year rhythm affords us the

strong foundation for its entire life (Hildebrandt 1998, Schad 2004). structures in a young person's physical, soul and mental/spiritual organization slowly. If allowed to align with this health-generating rhythm, the child receives a advancement or aggressively nurturing those processes that are developing too on a certain stage of development by either gently slowing down a too-rapid a timeframe, like a benchmark, which is necessary to help stabilize the complex when it is considered as a developmental gauge in pedagogy. This rhythm marks mystical number games. No, the seven-year rhythm has salutogenetic relevance assumed that we are dealing with a natural rhythm that occurs by itself, following "naturally" divided into seven-day weeks. However, we are not dealing just with not the case. The seven-year rhythm is not set by nature, just like the year is not the same laws as many other biological rhythms in our organism. But this is therapeutically adjust to meet the developmental processes appropriately. It is often

shows. An artistically-inspired approach to education helps the children overcome one seven-year period to the next has beneficial effects, as pedagogical practice An education that allows young children and youths to take their time from



childhood are increasing. the have unfolded under the pressures slower-maturing faculties into balance. Under such guidance brings all faculties of body and soul when developmental problems in role in fostering health in a time therapeutic benchmark to strive this paradigm as a achievement of a school system focused on to blossom, which would never the problem of dissociation as it learning. seven-year rhythm within it takes H on an important and we understand pedagogicaccelerated come

The Metamorphosis of the Forces Shaping the Body

support the powers of the soul and mind in developing the imaginative faculties in the second phase in building the forces for the powers of imagination and and structuring his physical organization are the same forces that help him memory and the ability for academic learning. not just disappear, but is fully available for other tasks, for example, to grow and nature no longer needed for growing and building the inner organs. This part does in the physical development, and part of the building forces and faculties are by in the brain. Generally after about seven years, a first stage of maturity is reached unfold into full functioning, and ever more complex neuron processes are created musculature by developing both his gross- and fine-motor skills. His inner organs child unconsciously works on schooling his sensory faculties and mastering his memory (Steiner 1907, 1921, 1922, Kranich 1999). During the first phase, the forces needed by the young child in his first phase of development for building One of Rudolf Steiner's most profound discoveries was the concept that the

the contrary, the probability of having to repeat a class is significantly higher for any lasting advantages that very early enrollment brings for young children. On (Bellenberg 1999). this group than for children who enter school at the traditional point in time Meanwhile scientific long-term studies have not been able to prove conclusively numerous experiences in practical education appear to validate this hypothesis almost imperceptible. While comprehensive empirical proof is still pending healthy, resistant physical constitution may result, even if at first very subtle, uncompleted task of building the physical structure, then the hampering of a prematurely harnessed to academic learning. When they are diverted from the Steiner pointed to the consequences that occur when these forces are

physical body are fully transformed into the forces that develop the imagination in later life to wait with beginning school-learning until the forces building the differentiated maturation process of the physical organ-ization and thus potentially of academic learning), there is a danger that we interrupt the comprehensive. and until the learning process can be released from its earlier ties directly to the Therefore it is of utmost importance for optimum health and achievement Whenever we force a developmental stage (in this case, by too early a start



weaken the foundation of the child's health.

Every adult can validate, from the personal experience of being weakened by fever, the close connection between forces building the physical organism and those building the imagination. During such a time the body needs all vital

have concentrated, focused images and thoughts. forces to maintain its life functions and to regain health, and it is more difficult to

The Launch of the Faculty of Imagination

senses and now gains command of independent soul faculties, which he employs phenomenon. On an inner level, the release of these powers is connected to a sensori-motor skills, and so forth). But he can see only the outer aspect of the the imaginative faculty is ready for development (change of teeth, shape, mature consciously on the inner planes. profound change of soul life. The child steps out from the confinement of the The physician can determine from a variety of physical symptoms when

she wishes to do so. Memory becomes available, independent of presence in space and time; inner images can be formed and now spark thinking processes, just as and becomes autonomous. It can happen that a child of that age is surprised to link to physical, concrete presence of place (local memory, as in the example above) they were previously sparked by sensory perceptions. discover that she can visualize a person who is far away in full detail and whenever independently of concrete sensory impressions. Memory too grows free from the who is ready to enter school commands a faculty of imagination that functions Bahn, meaning "tramway" is pronounced "Ess-Bahn," and ess in German means hearing the word S-Bahn, inquired what the people in this tram were eating. [S. The earlier stage is well illustrated in this example: a four-year-old who, on -trans.] In contrast to imagining things in a concrete, literal way, the child

important fact: What we see here is not a quantitative transition from a less bright the object-oriented intensity of their perceptions. The experiment points to an they are in no way stupid; they just experience the world differently based on it could lead to the false conclusion that younger children are stupid. Actually vessels were the same (Piaget 1973). This experiment is not undisputed because were ready to enter school, however, stated correctly that the amounts in all three thought there was less water in vessel C because it was narrower. Children who with the same amount of water. When asked again, most of the children thought transition. Two identical glass vessels were filled each with the same amount of attributes (width and height), whereas the older children use as a resource their by outer sense impressions and answer based on an object's visually prominent the child's overall relationship to perception. The younger children are still guided to a bright child. No, it is a qualitative leap that brings with it a transformation of that there was more water in vessel C because the water level was higher, and some vessel C, this vessel being much taller and narrower than the other two, was filled found the amounts of water in A and B to be the same. Then, in full view, a third water in the presence of four- to five-year-olds. When questioned, the children An experiment conducted by Swiss psychologist Jean Piaget illustrates this

memory-image, which tells them that the amount of water stayed unchanged by pouring it into different vessels. They can evaluate and conclude that the amount must be the same, in spite of the taller water column or the narrowness of the vessel. Their freed forces, powers of memory and imagination are available to them for the mental processing of perception beyond the visual image.

Only when this transformation has occurred should the child be exposed to academic learning in school. As outlined above, it is only now that the child can



they begin to take great pleasure in solving poetic puzzles which challenge their children themselves discover this new faculty of dealing with inner images when thoughts without jeopardizing his healthy physical development. Often the body structure. Only now he can use these powers to form inner images and safely employ the formative powers which were formerly needed to build the vivid powers of imagination.



The First School Year

From Implicit to Explicit Learning

of certain movements were not moderated by thought processes but were derived matching sounds for her "vacuum cleaning" activities. The meaning and purpose imitate her own vacuum cleaning and in turn the child used a suitable stick and about reasons and interconnections. processes that require active effort. She has direct questions and wants to know having a teacher guide her through methodically sequenced learning and practice But now that is no longer enough. The child yearns for explicit learning, for directly from actively joining in the activity. Her learning was an implicit process. in imitating her surroundings. The mother, for example, inspired the child to radically in regard to learning. Before this phase, the child was fully immersed When the child is ready to enter school, her behavior and needs change





However, this transformation does not happen all at once. In healthy development the imitation faculty extends into the early school years, and the teacher can make use of it, as the children initially learn many things easily by imitation, playing a recorder, for example, or moving through a room in a specific pattern, speaking a poem in a foreign language, performing a rhythmic-musical exercise, and so forth. And yet, this situation is widely different from learning in early childhood because these are now directed processes, guided by the teacher. Children who

their learning process. and correcting in order to improve their faculties. They are taking ownership of of the teacher, but at the same time they consciously make the effort of repeating are ready to begin school have a deep need for such guided processes, which we call classroom instruction. Their orientation is still intensely focused on the model

and spatial senses, the memory capacity, the ability to concentrate, and so forth. stress) allowing a gradual post-maturation process for things that need particular opportunities to the teacher for leisurely (without pressure or achievement nurturing nowadays: first of all, the language faculty, but also motor skills, body The burning eagerness many children show in this process offers rich

she is not the feared but the beloved authority, which the children emulate in is supported by this influence. teacher. They feel empowered down to bodily well being, and their development and clarity in the classroom, brought about through the beneficial influence of the children heed meaningful rules and take daily delight in having order, reliability order to become like her in knowledge and skills. Such a teacher will find that the lessons and for responding sensitively to the abilities of each child. If successful practice. It is important that the teacher strive for artistic ways of conducting the These teacher-guided activities must not disintegrate into mechanical drill

Learning in an Atmosphere of Soul-Warmth

When we talk about the forces that build the body transforming into forces of learning and memory that are now available to the child, we could give rise to the misunderstanding that the time has come to address the child intellectually like an adolescent or an adult. That does occur frequently today, and experience shows how damaging such one-sidedness can prove to be. The child needs a long transitional period in order to complete the shift from the outer-oriented young child that is ruled by the senses to becoming an inner-oriented, reflective youth. During



soul energy and strongly appeals to the child's sensitivity. this transitional time, the child's way of learning is still completely enveloped in a

must now be attended to on the soul level for the school-age child. young child experienced this coherence through physical activity and imitation, it development, once more becomes the central theme of education. While the The experience of coherence, which is fundamental to overall healthy

an intellectual, mnemonic drill leading to mechanically "crammed" knowledge soul level between teacher and student, and without this relationship, it is only shows that no true learning takes place unless there is a warm relationship on a this learning happens in an emotionally positive atmosphere. Scientific research will gain free, creative access to the subject matter he learns in school only if (Spitzer 2002). Brain researchers like Manfred Spitzer point out emphatically that the child

sense perception. All children at this age level naturally take in things from their the environment as older children characteristically can do. surroundings; they do not yet have the motivation to set themselves apart from want to keep the thinking powers as long as possible in touch with the powers of towards a kind of impersonality and even mechanicalness. On the contrary, we avoid a one-sided development of the thinking faculties of the child leading him Gemütlichkeit (coziness) or chummy ingratiation, what really counts here is to A positive class atmosphere is only the cornerstone. Not to be confused with

Beloved Authority Figure

of teaching—human qualities are in demand here. affection. A teacher can win this gift only by meeting the students with a rich children will do their homework less for their own sakes, but more and especially acknowledgement. Another indication of this is the frequent observation that the of the classroom teacher; they seek her personal affection and long for her offers a positive class atmosphere. This finds clear expression in their adoration be understood; for that, a teacher needs to offer more than a well-structured way measure of interest, openness and enthusiasm. Students want to be seen, want to ones who make her into an authority by giving her the gift of their respect and herself into having authority over the students. The students themselves are the continue for several years if the teacher is indeed beloved. No teacher can elevate for the teacher's sake, whose reaction they anticipate with excitement. This may The children not only need but also seek out a learning environment that

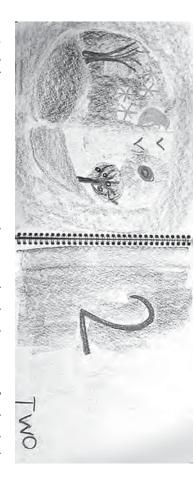
they recognize her as a "master teacher." fields of knowledge. Indeed, students will trust the guidance of a person when material so that she can guide them towards gaining new skills or entering new But the teacher must also offer didactic skill and in-depth knowledge of the



positive learning atmosphere can spring up in their classes. that the students have to live up to. Rather, such authority emerges when teachers development. This striving safeguards them from routine and indifference. A work on themselves and strive to meet the challenges in their own personal A teacher's authority, if understood correctly, does not manifest as a challenge

Guided and Independent Learning

sufficient measure of trust in his own faculties and space for their development. A independent learning well-conducted class will shuttle in a healthy way between phases of guided and lead role in class. Rather, the respect for the individuality of a child demands a Well-understood authority does not mean that a teacher has an exclusive



trend toward ever-stronger individualization further adds to this heterogeneity in and are especially needed in today's world because students enter school with emulate in the first years of school. can become a "beloved authority" demand individual attention from the teacher. That is the only way the teacher coupled with radical originality, authenticity and creativity, and consequently children who start school. Many children display early on very individualized traits. being able to handle such tasks and are in need of sensitive guidance. The general calculations; some have learned all on their own; others are still far away from diverse levels of readiness. Some have been coached how to write, read and do Such learning situations are conducive to the development of individuality for them, someone whom they can eagerly



here they can find practical application. We also should not underestimate the fact writing and arithmetic are usually taught as individual classes of their own, but and nature studies and work on them jointly. In school, abilities such as reading, theme they have chosen themselves. Or they can perform a little theater play can work together independently, with only the aid and advice of the teacher. and practical classes. Moreover, already in the first grade, small project groups yearning in its highest and purest form leads to a passion for learning and taking learning that allows them to discover and explore their own dormant powers. This without diminishing the motivation to learn. that we can strengthen the ability to practice through such self-directed activities can make self-directed choices about thematic projects in social, environmental that emerged while they played by themselves. In the upper grades, the students For example, all students can freely cooperate in a painting assignment, whose joy in the activity. This type of learning can manifest in multiple ways in artistic The students can develop a profound yearning for an independent mode of

From Image to Lettering

with the mind, from learning through the limbs to learning through the powers of ability to guide the child's transition from working with the hands to working feel a one-sided emphasis on intellectual faculties, but will feel approached also memory, imagination and thinking. If guided in the right way, the child will not The further development of the child relies to a strong degree on the teacher's

through the feeling and willing sides of his being, on which the thinking powers can build.

Let us look at the introduction of letters in order to illustrate how Waldorf education seeks to put this principle into practice, down into the methodology of our classes. In the first grade the child is not only faced with a "sign," he is not asked to just memorize this sign matched with its phonetic meaning; rather, the teacher first tells a story, into which the child



able to apply it and experience the meaning imbedded in this process. Incidentally, active understanding, they create it actively with their own hands, and they are of mankind, whereby sensorial-concrete pictures turned step-by-step into abstract this way of proceeding corresponds to the development of writing in the history experience inner coherence. They follow the transition from image to letter with with this shape, which otherwise would have stayed alien to them, and they from the picture, albeit abstractly, but now the children have a soulful connection from within the picture on the blackboard. From there, the letter is drawn apart draw into their own books and, with a few bold strokes of chalk, a letter emerges follows a blackboard sketch of one situation from the story, which the children plunges with all his imagination and fantasy, even if he can already read. Next

and out. The method described herein gives them this opportunity by addressing school not only wants to perform, but also longs to understand the material inside to read and write, are simply imitating them, while the child who is truly ready for they overlook that children who learn, for example, from their older siblings how is obsolete for children who can already read and write before they start school. But Many people object by saying that the image-oriented introduction of writing

letters and before the activity of writing becomes mechanical method ensures that the whole person can participate in the introduction of the not only the cognitive faculties, but also the feeling and willing powers. This

From Rhythm to Arithmetic

down the corresponding symbols, but through rhythmical movement sequences involve the whole person. The students are acquainted with numbers and later variations through hand clapping, jumping and running. The succession of numbers is practiced every day and memorized in ever-new multiplication tables not only through simply naming the numbers or writing When introducing the realm of numbers, Waldorf education seeks to

connection between the world of numbers and practical activities in daily life experience of coherence. Multiplication is embedded in one's own activity, it is experience of the child. Rather, this path offers a profound, nearly instinctive is "saved" from turning into a dead, incomprehensible foreign body in the soul activity and prepare the ground for purely abstract calculations later. Mathematics (Schuberth 2001). recognized as a higher level of counting, and the child grasps the meaningful child can thus master the multiplication tables through physical, sensori-motor high demands on the children's awareness and their mind-hand coordination. The or to only clap or to count that number without saying it out loud. This makes unison and accent each second or third number by either agreeing to not clap The path to multiplication begins when the children count out loud in

activity will be raised fully into the light of consciousness. now extend, like a reflection of light, into the rhythmic learning activities of the structure-forming laws that are at work in the body on an unconscious level of the various bones and the rhythmic organization of pulse and breath. child, steered by will and conscious coordination. Later, in the science classes, this body, where it is indeed rooted, as illustrated by the wondrous numeric proportions This way of teaching elicits mathematical understanding from within the

guide him into this process. It is important that the fundamental classes in The child's attitude towards the work is very profoundly impacted by the way

purely additive manner. We will later also see a great difference in the social and indeed a difference if we start from the whole, which then splits into parts, or if shared by all human beings, instead of just thinking of their own property. environmental stance of the persons who have formed a holistic view of the world we view the world as simply an agglomeration of fragments which line up in a experience of things and associates number with practical realities. There is as conventionally done the other way around, from the part to the whole. In from the product in multiplication, and so forth, because the child has a concrete Waldorf education we generally start from the sum when introducing addition, the four arithmetic disciplines proceed from the whole to the parts, rather than



Language—the Realm of Inner Images

expressed not in abstract terms, but in images. These stories delight the soul by a lot of wisdom and life experience, profundity and cleverness, thoughts and logic a teacher to realize why children have such a hunger for them. These tales contain young child's hands-on, sensory grasp of the world and the adolescent's or adult's world in color and immediacy, but it is the child herself creating this in her own painting entire landscapes and countless details that match the sensorially perceived way of understanding the world, which always constitutes a creative act. mental, thinking comprehension of the world stands the pictorial, imaginative fantasy; in other words, the pictures are her own accomplishments. Between the Children love stories and fairy tales, fables and legends, and it is important for

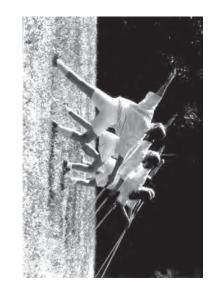
the ability to vibrantly and dramatically tell a story from memory. Also, the powers of the children. This effect is at its most powerful when the teacher acquires or by reading out loud—the more colorful and formative will be the imaginative experience the imaginative expanses in herself and put them into wordswith vivid participation. reading of a suitable, artistically rendered story can be very effective if it proceeds inner eyes into the children's own inner vision. The more the storyteller can vividly Language has the power of translating everything the storyteller sees with her Language is the key medium for unfolding the imaginative world in children.

such experiences. To the contrary, it grows in the same measure as the children our time is flooded with technical images, there is no decrease in the hunger for symbolically and imaginatively through the medium of language. Even though imagination as well as social sensitivity. than developmentally—to foster the ability for empathy, differentiation and fulfills an essential cultural task, yes, and a cultural mandatefeel increasingly emotionally disconnected from their environment. School here for intuitive exploration of the rich inner worlds, which are opening up to them They are not driven by a need for information or knowledge, but by the yearning The children are nourished by such experiences, and they want them every day -less intellectually



It is essential that the subject matter of the story be appropriate for each age level. In a Waldorf school, the children are exposed in the first three grades to fairy tales and myths, proceeding then to fables, legends and sagas, and finally they hear the stories of the Old Testament as part of an introductory world-and cultural-history class. In this process, they can follow the path of humankind, mirroring their own evolutionary path in a certain sense. At the same time the educator deeply influences the ethical-moral development of the child through the choice and dramatization of his

to fully speak for themselves. verbal images and stories, provided he avoids sermonizing and allows the images



The Classroom Dialog

such dialog, a relational space is created in which experiences can be exchanged, the child has had the opportunity to talk about them in a good conversation. In knowledge transmitted, appointments made, conflicts verbalized and solved. Many childhood experiences can be truly understood and processed only after

the school to establish and maintain a culture of verbal dialogue, particularly in make an effort to first establish them again. Therefore it is an important task of the first grades. It is the foundation for all instruction in class. conversation spaces can no longer be taken for granted in our times—we have to Here we can also practice the faculty of good and precise listening. Such social

Formative Education of the Whole Person through Art

also in the first grades of school. In a certain sense, this gift is a primordial cultural mental creativity, the ability for teamwork and social competence. But it is learning. But there is not such an abrupt cut between the two phases of child incompletely in more and more children today because they do not receive the in particular this creative, formative process that often develops too slowly or technique for developing initiative, devotion and interest, joy of discovery and development. The faculty for playing is still a precious gift, which we must foster We normally associate kindergarten with playing and grade school with

subjects offered but also in the methodology of teaching, Painting and drawing not from a rigid system of rules. effect on the whole person. The teaching style emerges freely from the children's they stimulate a guided process of learning and practicing which has a formative children's needs for an active connection with the world. And at the same time making music and performing theater plays are activities that fully answer the allege the opposite. Waldorf education therefore consciously nurtures a fantasyjoy in shared activities and their enthusiasm for the audible or visible work of art, rich learning style through play, art and practical activities, not only in the paralyzing this process more than fostering it, even though the advertisements corresponding inspiration. Television, video games, computers and iPods are

the key faculties on which our future depends. These faculties have no chance to and humanity. The capacity for empathy and socially creative fantasy, the will as a result of their own, inner drive. A refined culture of feeling and perception education with a one-sided emphasis on the intellect, pervasively relying on abstract from their natural connection with the forces of willing and feeling through an form if the intellectual and mental faculties of the child are prematurely displaced to create and openness towards the new—these qualities are commonly listed as competency that we wish to see in later years in an adult who is open to the world is rooted in this process, enhancing the joyful initiative, independence and social and teachers-If we are able to bring that about, the success motivates everyone--to reach even further, and the children expand their capabilities -students



child who has developed in a healthy way will, even after reaching schoolmaturity, live as a whole being, whose inimitable strength rests in precisely the faculty to turn to the world not in a one-sided way through thinking only, but fully, with all the powers of feeling and willing intact.

the intellectual faculties. On the contrary, the intellectual faculties will receive a spectrum of his faculties if all his faculties are developed. Only then will he be able solid foundation when powerfully and securely embedded in a soul-life that is as bring these faculties to their highest manifestation and realization in his life. rich and differentiated as possible. A young human being can only unfold the full Let us emphasize that we are not suggesting obstructing the development of

Individual and Community in the Artistic Process: In the Faculty

artistic presentation of each subject is highly challenging and requires the teachers arithmetic, foreign languages and grammar all have their place here, and they are Routine would be the end of the art of teaching and educating. themselves to become learners and researchers, who pursue this path continuously. taught in a way that affects the human being in its entirety. In other words, the Educating the whole person through art should not be construed to mean grade curriculum is exclusively artistic subjects. Subjects like

and new impulses for working. soon feel burdened. She receives support in the cooperation of her colleagues. Mutual class visits have a refreshing effect and provide the teacher with reflections who understand themselves to be on the same path of learning and researching of working on herself and self-transformation all alone and unaided, she would the individual teacher would have to undergo this continuous process

and earnestly strive to find ways to suitably support the child, if necessary, in collegial work common at a Waldorf school. The quality of these meetings largely psychological and methodic-didactic faculties. This sharing is the basis of the involved in the pedagogic work of the school try to expand their own pedagogic, in the Waldorf school is the weekly pedagogical faculty meeting, which is when all involved teachers share their unprejudiced observations about a child determines the pedagogical quality of the school. This is also true for Waldorf conducted in addition to the periodic class conferences. In these meetings those cooperation with the school physician and school counselor. A specific institution kindergartens Well-structured child studies can be particularly instructive and fruitful

Individual and Community in the Artistic Process: In the Classroom

such as drawing, painting, sculpting work, and so forth, are given equal weight as singing, instrumental music, and choir recitals. Simultaneously the fine arts depending on the developmental level of the class, supporting and increasing for participation in artistically-taught classes. As the classroom teachers in the community. individual learning capacity at the same time as the social processes in the class They can achieve this, on the one hand, through community-building arts such create a balanced rhythm between the individual student and the class as a whole first six to eight grades generally teach most of the classes themselves, they can together are not only of value to the teachers, but also yield important tools mutual benefits of the individuals and the community working

a story or reciting a poem from memory, which the class teacher had written on his or her last report card as a companion thought for the school year. The class the individual child should step out from the community, for example by retelling entire class works together by speaking a poem in unison. Everyone notices his or Those less gifted are supported naturally by the more talented students when the knowing how hard it is to recite something when standing in front of the class. this child, and she respectfully accompanies the individual effort of the child listens with interest to the saying the teacher has specially chosen or written for happy in how they experience improvement day-to-day. But from time to time her own efforts flowing into the whole and creating a shared achievement—all are This breathing rhythm can also be realized through the medium of speech

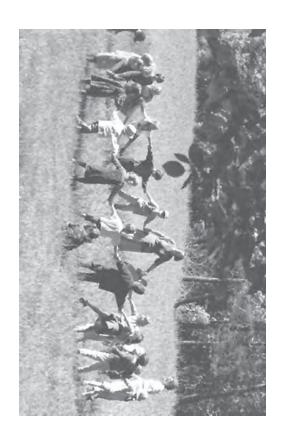
Practical Instruction

society, children lack the opportunity of balanced development, and such carpentry, shoemaking, and so forth. Increasingly, in our technically-oriented well as coming to know many traditional crafts such as masonry, blacksmithing in the lower grades, working in the school garden or on a farm in the vicinity, as addressing the whole person in head, heart and hand. That includes needlework activities become more and more important—not because they satisfy a nostalgic Practical classes in a variety of subjects weave through all twelve grades.

of the grain from the farmer's field to the baked bread on the breakfast table and interwoven, mutually supportive processes. They can follow, for example, the path in showcase activities) the work world begins to appear to them as a cosmos of Such practical activities are an excellent means for empowering the children with needs the others—from sowing to harvesting, threshing and milling to baking. can experience how each process builds on the previous one, how each profession them in a film, and as they perform this work themselves (as far as that is possible directly in a number of basic professions, not just reading about them or seeing courage to say yes to life. As the children come to experience basic work processes need, but because they provide the children with lasting experiences of coherence.

a relationship with animals and plants, which a city child nowadays hardly ever it "hands-on." Working in the garden or on a farm also allows them to experience throughout his or her whole life. gets to know. Yet such exposure is fundamental for a responsible relationship every work process is thought through so that useful things can be created. They with nature and the environment; these experiences will accompany the person do not have to hear that the world is formed by the abilities of man-they learn They admire the expertise of the master, whose every grip "fits" the task and whose each profession, they learn that a craft is an art that needs to be learned laboriously. This does not involve only the mind. As the children participate actively in

the young person a much more profound sense of belonging in this world, a resilience, that invincible inner power that allows adults to take on and even much more so than words or pictures could ever do. These experiences nurture feeling of trust and meaning, and the courage to make his own life decisions master the crises in their lives. Specifically organized class endeavors like the ones described above can give



Fostering Movement

abilities like the kinesthetic, equilibrium and movement senses, let alone full for healthy development. How are these children supposed to feel at home in the can attest to that situation, bearing witness to a radical change in the conditions walk backwards or catch a ball. They can no longer develop even basic age-specific or one-sided development. Many children no longer are able to stand on one leg world if they cannot even truly inhabit their own bodies? mastery of their movement organism. Physicians and school admission officials lower grades; a frighteningly high percentage of school starters show insufficient phase for the motor and sensory faculties falls more and more to education in the In this time of cars and armchair media, the task of ensuring a post-maturation

for what was missed earlier. Starting class with a practical exercise, engaging the and arithmetic and for all cognitive processes. Since the plasticity of the brain has of the child, but specifically for learning cultural skills such as reading, writing the sensori-motor faculties is very important not only for the overall development can accomplish such compensation, in order to then strengthen the awareness whole class in rhythmical activities like stomping, jumping, running or clapping been shown to last a lifetime, much can be done in the school years to make up Modern brain research shows—last, not least—that the complete formation of

and skill of coordinating hands and feet through appropriate exercises. Physical education classes, as well as activities like chopping wood, digging, baking, and so forth, offer rich opportunities for improving gross and subtle motor faculties.

Further opportunities can open up when a class works up a circus performance with balancing, acrobatic and artistic acts of all kinds. Children are easily motivated to continuously explore the limits of their abilities and expanding these limits through daily exercise. Cross-grade activities can emerge and



effect on many levels. grow easily into an all-school event, which can have an eminently pedagogical

structure and movement choreography as a holistic work of art. But Steiner synergy [synaesthetics] of sound and movement, Melos and color moods, musical introduced eurythmy also as a moving body, so-to-say time-elastic in space, with the audience experiencing the performing art, making speech and music visible through the medium of the movement sequences. At first, eurythmy was conceptualized as an on-stage congruent translation of language and music into corresponding gestures and geared not towards the expression of one's own inner feelings but towards the grades. Eurythmy was created by Rudolf Steiner as a new discipline of movement, The subject of eurythmy is of particular importance in Waldorf schools for all core pedagogical curriculum subject because

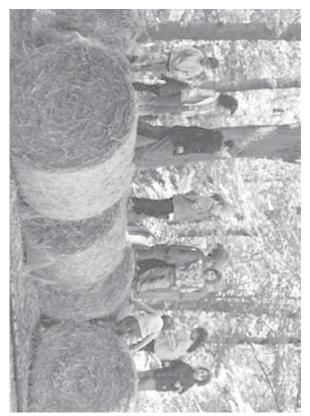


eurythmy requires that the powers of physical movement are harmoniously aligned with the powers of feeling and thinking, which alignment has positive formative effects on the whole person in body, soul and spirit. Here more than in any other movement discipline, we can

and in full service to speech and music emanating from fellow human beings. The challenges posed in eurythmy classes change and grow in correspondence to the foster an integration of body and soul with the powers of the "I," altruistically respective developmental level of the children (Richter 2003).

Individual Development and Developmental Divergences

a certain subject at a certain time through a certain methodology. In Waldorf they reach the high school grades (with rare exceptions). of one grade remain in the classpedagogy the age-appropriate way of teaching is so important that all children academic material, but whether or not the children's faculties are invigorated by developmental level of each class. What counts here is not the transmission of of each subject and each teaching method in regard to supporting the respective processes of human development, it becomes necessary to examine the efficacy As a College of Teachers works on ever more profoundly understanding the -without being asked to repeat the class-



development of each child. No two children develop exactly alike; the individuality At the same time the teachers must recognize the special and unique

social faculties that are in need of catching up. is increasing, with most often the intellectual powers being ahead of soul and and social faculties within one grade level. In addition, the tendency to dissociate which can lead to very divergent degrees of maturity in motor, intellectual, soul range of developmental levels and processes seems to be growing even wider, always sets impulses that modify the general laws of development. Currently the

a classroom teacher who, aided by the subject teachers, accompanies the children and individually supported as much as possible. Waldorf schools generally have the years proven to be a very useful way for meeting that necessity. through many school years; he observes and supports them. This practice has over Therefore the development of each single child must be closely observed

challenges. Overall, there will have to be a much stronger emphasis on schooling the increase in developmental divergences and dissociations which present new On the other hand, certain changes in the way we teach are necessary due to

sensory perception and fine-motor skills. An even stronger focus is required for language skills, which has already become a fundamental task for preschools and child care centers. But an increased effort must be made to continue to foster these skills far into the first years of school.

We also need to re-think the teaching environment for the first two or three grades. Classrooms have to be furnished ever more flexibly so that we can conduct the urgently needed remedial exercises in our daily practice. That is why more and more Waldorf schools are adopting the practice of only



the class instruction to the outdoors in general. engage in play or movement activities. Some schools even move certain parts of minimally furnishing the first grade classrooms, so that the children can readily

are otherwise hard to find for city children nowadays: climbing rocks and trees. stables for animal care, and so forth. balancing bars, sensory awareness paths, play houses, water ponds, craft workshops installations allowing free play and highly diverse elemental experiences that The school yard has become more important; schools equip them with

expanded, not only through suitable playgrounds and equipment for the break play activities: roles, boundaries and rules, problem solving, conflict resolution. adults, children can naturally explore and practice many different skills in their essential part of remedial maturation can happen without stress. Supported by the times, but also by working play sequences into the class itself, because here an respectful treatment of classmates. The opportunities for children to engage in free play should altogether be

support individual children, brings more calm and breath to the class work, and studies have shown that it is beneficial to abandon the rigid structure of fortyallows the children to learn without stress. morning and without depending on a break bell. That makes it easier for them to individual phases of instruction or to shorten them as needed, until far into the five-minute subject classes and to give the teachers the freedom to extend the The way we structure the schedule of a school day is also important. Pilot

Fostering Rhythm throughout the School Year

effects for the entire organization of body and soul, and these observances nurture celebrations, is another important tool for harmonizing divergent developmental this educational approach proves beneficial also in grade school. experienced by the children. That is already true for the time in kindergarten, but jagged times, so that its health-engendering effects and developmental support are be confused with mechanical beat) is more important than ever in our hectic. the well being of the school and students alike. Rhythmic repetition (not to tendencies. Communal customs are seeded here, with stabilizing, harmonizing The conscious observance of daily, weekly, and yearly rhythms, of festivals and

a very different level of depth and maturity than they could have reached on the willing parts of the person could integrate it. Now the students' questions have of yesterday's experiences emerge, in distinctly transformed or condensed forms is taken into the night. When the class resumes the next morning, memories in the way it presents the subject material of a class in an open-ended way. The previous day. colorful as possible in the outer and inner views of the students; this openness One could say the soul has "digested" the subject material so that the feeling and conclusion or final definition. Instead, the subject matter remains as concrete and material covered in a day is not "finished"—the teacher refrains from offering a Waldorf education gives special consideration to the rhythm of night and day

about ninety minutes, and then is not taught at all for a period of time. The fertile a focus of the morning lesson time for three to five weeks, taught each day for awareness (Leber 1996). This also scientifically validates the Waldorf education are absorbed actually only at night, giving the night with its non-conscious nature phase of "forgetting," which we see in the rhythm of day and night, also works means that a general subject such as arithmetic or animal biology is presented as principle of teaching a number of subjects in main lesson blocks. Block-teaching an equally important role in the learning process as the day with its conscious crucial deepening of information and experience that were taken in during the day over longer time frames. Modern research shows that learning continues into the night, yes, that the

individual child. age-homogenous class community, without curbing the development of the development-specific subject material fosters the common development of an Paying attention to such rhythms in conjunction with choosing age- and

The Nine-Year-Old

the school child. It is not marked by as dramatic symptoms as we will observe later nine-year birthday, as sweeping as the transition from the kindergarten child to with the start of puberty, and therefore it can easily be underestimated. But it is a A far-reaching change in the development of the young child occurs after the

preparatory stage to puberty and plunges the child into a crisis during which needs much understanding and sensitive guidance from parents and teachers.

Summary

abilities to act as an individual and to bring new impulses into the world. and challenges of his time, even after childhood, so that he can be sustained develops and retains the ability of associating as a whole human being with events as sketched out in the previous sections, aims at ensuring that the adolescent even empowered, by the healthy accord of his somatic, emotional and cognitive An education oriented towards engendering health and sustainability,

at home, in kindergarten or in school, and the healthy development of the child to be understood holistically and accomplished as a continuing process, whether sense of "formative process" on both the mental and physical levels—trans.] has The formative educational process does not start in school but already in the very first years of life. Education [the German word Bildung means education in the The foundation for such a development must be laid already in childhood

at first act on the physical organization of the child and later transform into the sensori-motor faculties, creates the foundation for a healthy, sustainable unfolding order to grasp the world, the physical ability to grasp must first be developed. The whole person: the step-by-step metamorphosis of the formative powers, which consideration by educators and teacher in order to succeed in helping to form the their unfolding follows a fundamental law, which must be given particular of soul and mind activities. formative design of the physical organization, including in particular motor and formative powers for soul and mental/spiritual development. For example, in However much the individual development may vary from child to child

actually still needed for the formation of the physical organization, a weakening apparent until years later, depending on circumstances of the child's constitution and ability to achieve can ensue which may not become to advance intellectual activities prematurely, and thus engage the powers that are The child must be given sufficient time to go through this process. If we try

impulses of our future. soul and mind. Such development allows the human being to creatively shape his the absence of illness but the presence of an unfolding creative potential in body, and skills. This education creates the basis for health for the individual's entire child's development. Therefore it provides more than an acquisition of knowledge as described here orients itself uncompromisingly toward the necessities for the play an active part in meeting the challenges of our world and will help shape the unmistakable, unique signature mark. Such an individual will take initiative and own fate and to grow ever more into becoming who he is: an individual with an life span. In accordance with wellness research, health is understood as not just Waldorf pedagogy strives to foster health through education. Education





Part 2

Guidelines for the Education of the Child from 3-9

An Outline of a Comprehensive Educational Approach



PART 2

Foreword from the Original Edition

and individual support for each child has become an imperative in the politics of prime importance, following just behind that for school education. New pathways agencies have assigned high priority to public professional daycare institutions. education. for the transition from kindergarten to elementary school have been explored, The educational mandate of kindergarten has been fully acknowledged as being of researcher Gerd Schäfer, and consistent with their meaning, various political his entire life. "Education begins at birth." These words were coined by pedagogic first years of life, when the child goes through experiences which can be pivotal for years, but already much earlier, in kindergarten and even before that during the very recognized that the course of tomorrow's society is not set just during the school Early childhood has moved steadily into the focus of public interest. It is now

goals by different means. are being tested in numerous facilities. Waldorf educators also feel committed to educational guidelines and orientation plans for kindergarten education, which the essential goals laid down in these plans, yet intend to continue to realize these Meanwhile all States of the German Federal Republic have drawn up

years, defining it as a process of continuous transformation which leads to lasting last year with the publication of the booklet Guidelines of Waldorf Pedagogy for the International Association of Waldorf Kindergartens and the Association of engendering) education during kindergarten and the subsequent early school the concepts and procedures of Waldorf education. This task was accomplished Free Waldorf Schools in Germany deemed it necessary to take a stand and clarify Children between Ages Three and Nine, which outlines a salutogenetic (health-In this time of restructuring and remodeling early childhood education,

currently in preparation. beyond the national scope, and translations into several European languages are the necessary developmental processes. This booklet received a positive response health and achievement only if the child is allowed enough time for going through

of the educational goals, sectors (areas), requirements and practices of Waldorf plans issued by state agencies. We hope it will thus contribute to an equitable pedagogical concepts with the objectives of the public education and orientation of this paper. It is designed to determine the equivalence of the Waldorf-specific education for children ages three to nine. The teacher colleges of the German recognition of Waldorf education within the pluralistic German educational Waldorf kindergartens and Waldorf schools are in alignment with the contents In the following pages we present as a second step the systematic description

proofreading of the manuscript. work reviewing this text and giving many valuable suggestions. We also want to thank all attentive editors, especially Wolfram Knabe, for their thorough We most cordially thank the team of authors and all our colleagues for their

and grade school years are viewed as stages within this continuous educational educational process for the young human being, stretching from birth to and departments. Waldorf pedagogy's overarching concern is a comprehensive and that it will help in dealing with the public as well as government agencies the years from birth to age three. process. A next and third part of the "Guidelines" is planned which will address emancipation, from birth to age eighteen. Early childhood and the kindergarten foundations and concerns of Waldorf pedagogy transparent and understandable We do hope that this second section will help to render the essential

Association of Free Waldorf Schools in Germany, we express our gratitude. On behalf of the International Association of Waldorf Kindergartens and the

Regina Hoeck and
 Sylvia Bardt

Goals of Education

Respecting the Child's Individuality

yet conscious to the child himself and which only gradually emerge later in life. into this present earthly existence, together with undisclosed talents that are not before conception and birth and, from its past, brings a personal destiny with it regardless of his social, ethnic or religious background. This individuality existed Waldorf education sees a unique, inviolable individuality in every child

Accompanying the Child into Freedom and Response-ability

also for that of others, for the earth as a living organism and for the cultural and and intentions. The degree to which a person is successful in living and acting in toward individual freedom and responsibility. economic future of mankind. Education and training should support this path him to take on responsibilities of his own—not only for his own development but harmony with his or her own goals, to that degree he or she is also free. That enables towards self-discovery, so that he can find and unfold his latent inner abilities Education and training are meant to support the young person on his path

Developing Social Competence

and duty. In looking at the multicultural development of societies in our time, discernment, joyous initiative and the willingness to take on responsibility capabilities necessary for fruitful activity within the social community. These understanding can occur. Children of both genders, coming from very different interest in others of different cultural backgrounds so that openness and mutual competencies include respect for others, empathy, democratic awareness, moral Waldorf education recognizes the important task of encouraging a non-judgmental Waldorf education aims to provide children and young adults with the

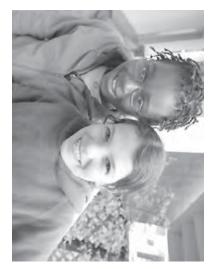
or class deserves attention; the development of positive social processes may be educating such children together with all others; the integration of these children chronic illnesses and disabilities. In kindergarten the entire group benefits from is not a manageable size impeded and the success of the pedagogical efforts may be jeopardized if the class can also be a rewarding objective in school. In either case, the size of the group respect and appreciation. This is true as well for children with special challenges. origins and with widely divergent talents, can live and learn in a climate of mutual

Engendering All-Round Good Health

stable basis for health, meaning not only the cultivation of physical foundations comprehensive harmony of the individual's organization in soul and spirit. (for example, through healthy nutrition and sufficient exercise), but also the A paramount objective of Waldorf education is to nurture and secure a

and therapeutic approach, as the Waldorf school concept from its beginnings includes the material and spiritual environments as much as the social behavior dependent in large measure upon factors for which adults are responsible. This eminent pedagogical task, because the development of the child's good health is incorporated therapists and school physicians as part of the college of teachers and them, and much more. But health is also fostered within the context of a medical of teachers, their teaching methods, the learning atmosphere created through Engendering health, in the sense of salutogenesis, is considered to be an

who perform their work in closest contact with the teaching faculty and the parents. Especially medically prescribed therapeutic eurythmy has a firm place in many schools as do other therapies, such as therapeutic painting, modeling with clay, and music or speech therapy.



Allowing Time for Lasting Development

achieve. The emphasis here is on a lasting, sustained development, not on speed of the young person. This provides the foundation for a lifelong ability to learn and and gradual maturation of all physical, intellectual and social powers and faculties throughout his entire life. Therefore Waldorf education strives to allow the full activity in a position of direct responsibility for the development of a person strength or weakness of achievement in later years, which places all pedagogical Each child must be given the time he needs for his own individual development. In kindergarten and the grades, the foundation is laid for health or illness, for

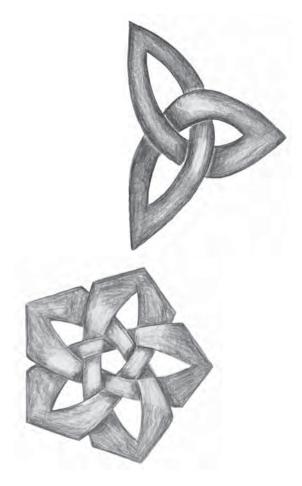


Holistic Education and Individual Support

and strive for a close working relationship with parents and guardians. Many every child the possibility to develop according to his or her individual talents and every premature specialization and, with a broad-based and holistic approach, gives disabilities, even at times to special needs classes of their own. predispositions. Teachers are supported in their efforts by physicians and therapists impulses and abilities as freely as possible in later life, Waldorf education avoids Waldorf institutions offer special support for children with learning difficulties or In order to be certain that the growing child can unfold his or her individual

Overview of the Educational Process from Birth to Eighteen Years

and training as a process which begins already at birth and continues until phase from three to nine years of age. process from birth to eighteen years, even down into the organizational structures. cooperation between kindergarten and school and to realize a holistic educational The text here at hand outlines a segment of that process by focusing on the life maturity is reached at the age of eighteen. Therefore it strives to strengthen the Waldorf education recognizes the importance of understanding education



Goals for Early Childhood Education

Educational Mandate Particular to the Kindergarten

and concrete sensory experiences through which the child can expand and deepen school education. Reflective and intellectual capabilities are not at the forefront, but rather the main emphasis is on immersion in manifold, differentiated activities being very different from the goals and tasks of the following time of elementary Waldorf education sees the task of early childhood and kindergarten education as Based on an understanding of developmental physiology and psychology.

his world of experience and perception through immediate, active participation; any challenges to faculties of intellect and mental reflection take a secondary role at this stage.

In this connection free play is of great importance. Imitation is fundamental to learning during this preschool and kindergarten age. For this reason the child's capacity for imitation is consciously stimulated and fostered through the activities of the adults and their behavior, because imitation is foundational at this age.



The Particular Goals and Approach for Kindergarten and Preschool Education

a need to develop his sensory and motor abilities step-by-step so that he can move is a being who develops and forms from his own impulses. The child himself has within the world and explore it—and he pursues this need with greatest intensity. his faculties. In a manner of speaking, the child works himself into the world and thus develops The child carries within himself a fountainhead of inexhaustible activity. He



However, since today's world no longer offers a child the appropriate quantity and quality of stimuli and opportunities for judgment that he needs to have presented in order for development to occur, an educational living environment for the child

possibilities and capabilities. conditions that allow the child, from birth, to develop according to his individual (and later, the elementary schools) have the task of creating the outer and inner takes on increasing importance and significance. Parents and daycare centers

Positive Learning Atmosphere and Reliable Relationships

main creative tasks for all those who take part in the educational process. and interest in the world; consequently providing this environment is among the environment forms the critical matrix for healthy development, eagerness to learn, build trusting and dependable relationships with the young being, are primary requirements for the child to thrive in body, soul and spirit. A positive emotional The loving attention of the adults, together with their willingness to

Adults as Role Models for the Children

educators can fulfill this task of being role models through self-development and environment whose imprint is left on the child's later biography. Parents and and outer behavior of grownups form the first and most elementary learning conscious reflection on their actions. needs role models in all areas for imitation and orientation. The inner attitude Regardless of his own faculty for autonomous development, the young child

A Foundation for the Authenticity of Personality

ways so that they become available to him for realizing his intrinsic life goals instruments of his faculties in body, soul and spirit in ever more differentiated If these basic conditions are met, the young human being can develop the

and a strong will for activity. Authenticity of the personality is the prerequisite enables him to develop creativity, the ability to handle stress, the courage for life. overall organization of body-soul-spirit can be rebalanced again and again; this to meet the challenges of this process and to master them in such a way that the goals is a sensitive process that is susceptible to disturbance and disruption. It nature and the world. for assuming true responsibility in selfless attention to the needs of other people. requires effort during one's entire life and may not always be successful. A goal of Waldorf education is to convey to the developing young human being the ability The striving of the individuality to live in harmony with himself and his own

Engendering Coherence and Resilience

and master obstacles). These aspects are not hereditary gifts, but rather abilities further develop through self-education. for which education first creates a disposition and later in life the adult person can one of the most important of these faculties, as is resilience (the power to accept for meeting life's challenges. Coherence (the soul-connection with the world) is not in the biological realm, but in the person's faculties of soul and spirit necessary which have determined that the foundation for human health is found primarily Waldorf education is in alignment with the findings of salutogenesis research,





Good Health through Education

steps to the individual capacities of the child and his respective developmental with a unique, distinctive signature (mark) in the world. A healthy support for own destiny and consequently realize ever more one's own self as an individual and spirit, which allows the human being to creatively and actively meet one's learning pace from the outside; rather one must adapt the pace of the learning individual faculties also comprises the principle of refraining from setting a rigid presence of a creative potential for full development of the faculties of body, soul health. Health is understood not as simply an absence of illness, but rather as the Didactically and methodologically, Waldorf education is designed to foster

A Foundation for Lifelong Learning and Achievement

only when the child can rely on a sufficiently developed physical organization, Waldorf education places great importance on starting formal (in-school) learning In order to assure a healthy foundation for lifelong learning and achievement,

concepts and inner representations (images). age seven as the forces of thinking and memory, used by the child now to form in the infant and toddler become available, though in a changed form, after about active in building the organs and giving form to the physical organization (body) organization and can cause a long-lasting weakening of the bodily constitution. these powers for intellectual purposes detracts from the formation of the physical which can serve him as a dependable, resilient, strong instrument. The forces Any premature employment of

Allowing the Time for Maturation

School physicians and admissions counselors, as well as kindergarten teachers and childcare workers, are reporting more and more often dissociations in school readiness of today's children. Many children appear



elementary school, the time and the means for these children to catch up on the they are not. Waldorf education strives to provide, in kindergarten as well as in intellectually ready for school, but physiologically, psychologically, and socially to deficits in speech development which we observe in more and more children. maturing of abilities that have been hindered in their development. This applies also

Developmental Metamorphosis and Age-Appropriate Learning

which would justify a training of skills for adult life as early as possible. Waldorf education does not consider child development as a linear process. Rather,

child development is seen as the consequence of independent phases, which figure as steps in a process of transformation (metamorphosis) and each requiring particular attention. This necessitates completely different conditions for the preschool and kindergarten ages than for the



anthropological laws of development into the creation of the children's learning the child, too, should be distinctly different in these two phases. environment down to the smallest detail. The manner in which the adult addresses dominated by explicit learning. Waldorf education tries to incorporate all of these the world. Implicit learning dominates the first phase, and the second phase is the school child has needs of emotional and increasing mental interaction with elementary school ages. Physical experience is the primary need of young children:

From Hand-Learning to Head-Learning

abilities of the older school child are engendered by the earlier concrete activities participation in meaningful work- and life processes. First comes learning with the of the young child, by acquiring coordination and through the active experiential Then comes learning with the head. heart, hands, and feet; that is foremost during kindergarten and elementary school Waldorf education is guided by the principle that the cognitive and intellectual

If the child is given ample opportunity, through direct bodily experience, to become familiar with the objects, processes, activities and facts of his life environment and to connect with them inwardly in the realm of feelings, then the child's experience of connectivity (coherence)



also an outer sphere, so that the individuality, in a variety of ways and on all levels of educators to form not only an inner sphere for development for the child, but (physical, mental, and spiritual) is stimulated to activate his own powers with the world, zest for discovery, and capacity to learn. Therefore, it is the task is strengthened, and with it the basis for future joy of initiative, creative interaction

Relaying Ethical and Social Values through Active Role Models

inner stability include emotional attention from adults and also the relaying of child expects rules to be obeyed and agreements kept. Through practical life on the behavior of the child, and that behavior will become habit. In turn, the sensitivity which an adult shows towards the child will have an immediate impact good standards of behavior and conflict resolution strategies, as well as a natural ethical-moral qualities, the firm setting of boundaries and rules, adherence to experience, he learns what it means find his place within a community. his own through imitating them. The respect and appreciation, tolerance and natural reality which the child can take for granted and which he can then make manifesting the desired qualities in adult role models so that they are a living, kindergarten children are not taught through reflection and discussion, but by relationship with one's own sexuality. In Waldorf education the preschool and The pedagogical elements that provide a sense of experiential safety and

and to learn about the traditions and religions through direct human encounter as to consider what children from other cultures and religions bring with them what is the purpose of life. These activities should always be brought in such ways explanation, to the questions of where we come from, where we are going, and child an upwards glance into higher levels of human existence without verbal presentations such as we find in fairy tales, legends, and small plays give the enrich and stimulate the experiential world of the child's soul. Concrete, pictorial Waldorf education is far removed from ideological indoctrination. music, storytelling, and performing small theater plays. These practices also conscious cultivation of rituals, celebration of seasonal festivals, singing, making Waldorf education strives to strengthen the experience of social life through

Continuation into Elementary School

School Is a Challenge

no longer exclusively accomplished through play, imitation, and participation completely different conditions than were present in kindergarten. Learning is within a time frame and to the degree that is tailored to each individual child Starting school is a big challenge for all children because they encounter



(implicit learning). Now lessons are organized within the framework of a learning community that has certain tasks, goals and expectations (explicit learning). School learning is result-oriented and bound by certain time restrictions. School learning is a process of training and practice that requires the will to patiently perform repetitions. Activities become the subject of conscious reflection, and accomplishments are measured according to specific standards.

A further challenge lies in the size of the learning group, or class, which is

accommodation and empathy on one hand and determination and self-assertion are completely new social processes to be mastered. The right balance between its practical application in the classroom. depends in large part on the conceptual method of instruction in the school and on the other hand must be found. The way a child meets these new challenges experienced by the child (family, kindergarten, childcare group). Now there now significantly larger than previously

Preconditions for Goal-oriented Learning

faculties that form the imagination and that allow for a conscious use of learning freeing up and transformation of the physical formative powers into those In Waldorf education a key gauge for school readiness is the complete

intellectual pursuits prevents the and learning forces. into consciously available thinking used in a healthy way as forces the partial completion of this of development for structuring child needs in the first phase and memory capacities. The the physical organization. maturation of the foundation of these forces prematurely for memory. They are transformed of thinking, imagination, and available to the child to be organ-building activity, become the physical organization, after forces of growth that the young . Using



writing, reading, and so forth. left-handedness. Eye-hand coordination is developed to a stage ready for drawing becomes more coordinated, and often a child will display a preference for right- or changes into a more elongated, slender body build. The activity of the limbs teeth). During this time, the young child's body, with its soft and chubby forms, activity is the change of teeth (when the baby teeth are replaced by the permanent The most noticeable sign of the end of this first phase of organ-building

is possible (which previously were not reliably available), for example, jumping rope or walking backwards while keeping one's balance, actions that require new now be so far consolidated that a wide spectrum of purposeful movement sequences In a normal course of development, the sense of balance and movement should

and, last but not least, the kind of attention required in school. purposeful learning, reality-oriented thinking, the ability to recollect and memorize familiar. If these faculties have reached maturity, they become the foundation for objects "blind" and be able to categorize them as things with which one is already abilities in spatial orientation. Another aspect is the increasing ability to touch

steps are just happening on a mechanical and outer level. Almost every learning understanding that truly independent, self-initiated cognitive learning steps are maturation), and consolidation of physical competence, even though it is done of movement sequences, and so on. That is why Waldorf education allows time in faculty of cognitive grasping or understanding on an inner level. differentiated fine-motor grasping motions which lead to, finally, a comprehensive process is based on this method: simple, gripping motions lead to more subtle. based on experiences in physical and soul movement; otherwise these learning in a totally different way than in kindergarten. At the root of this approach is the the elementary school for the formation, maturation (and sometimes retroactive learning disabilities such as motor restlessness, lack of coordination, dissociation If these faculties have not formed sufficiently, the result can be partial

Creating a Positive Atmosphere for Learning

age children, applies equally for the school age levels: loving devotion from adults during the first years of school, but generally for six to eight years is led by a teacher who instructs daily and accompanies the children not only facilitates reliable, stable bonds between child and teacher. Each class of children joy and energy. Already through its organizational structure, Waldorf education encourages and empowers the child so he can take the steps necessary to learn with What was said above, about the positive learning atmosphere for kindergarten-

dependability and soul warmth in school are extremely valuable to the child. Along In these times of open and often changing family structures, the experiences of he closes the school day with a shared time of review and concluding resonance teacher is also present during special subjects instruction and, as often as possible into account during the course of the day. During the first two years, the class them personally through eye contact and handshake, and taking their condition In the morning the teacher greets every single child, checking in with each of

health and achievement. with educational support for physical skills, these add to the basic foundation for

Preserving the Natural Joy of Life

Through its teaching methods, Waldorf education strives to foster and strengthen the natural joy of learning, with which the child enters school, in such a way that the child himself will preserve his will to learn even through occasional failure or setback. The child's experiences during the first school year are decisive: tendencies become apparent. Will the child experience learning as something oppressive that is forced upon him from the outside, or will the child continue with joy and willingness to learn, interested in and open to the world, forming the basis





as a whole person. Without this activation of the will, the interest will remain emotional experience is what makes it possible for a child to connect with things then the chances are good that the child's will forces can be engaged. Active such a way that he or she can turn to a subject with dedication and active interest, atmosphere that speaks strongly to the feeling nature of the child. Feeling qualities shallow and be short-lived. build bridges to the will forces. If a child enters into an instructional environment in In order bring about the latter, learning needs to take place in a warm, positive



Developing and Strengthening Social Competency

and learns throughout the grades. This is seen as a key factor, enabling the school attributes great value to an age-homogenous community in which the child lives to properly involve and support the children and adolescents according to their Waldorf education in elementary school— -in contrast to the kindergarten—

all persons can bring their special capabilities and qualities to the community as a and the need to accept others with all of one's strengths and weaknesses whole. This understanding evokes in them a natural mutual respect, and everyone the beginning, the children learn that the issue is not success or failure, but how of daily encounters, there are conflicts to be resolved, aggressions to be overcome. offers to help everyone else to the best of their abilities. Naturally, in the course fact that there is no grading and no repetition of a class in Waldorf schools. From development of social competency is ensured by this approach as well as by the older children, but also children of widely divergent backgrounds and talents. The (because of the distribution of birthdays in any given year) not only younger and ages and respective developmental levels. The class community encompasses

consistent topic throughout all the school years. instruction offers rich opportunities for practice. "Listening to each other" is a but also through its teaching methods. In particular, the field of artistic-musical understanding of the other human being-Waldorf education tries to stimulate and foster direct awareness and true -not only through its social structure



Capacities Developed in Kindergarten

1. General Principles

for which the child is predisposed. This is accomplished through simultaneous age group, modified by special, individual characteristics. on physiological and psychological developmental factors that are present in each perception and respect for the rights of personality of each child. It orients itself Waldorf education strives to foster comprehensive development of capabilities

full immersion in activities that come out of the immediate perception of the complex and holistic process which cannot be subdivided into different "subjects." he world surrounding him. This means, however, that at this age all learning is a unreserved dedication to his sense impressions, and make an active connection to environment, without reflection. It is the nature of a young child to exhibit Learning in the kindergarten is implicit in nature. It comes about through



and grinding of the grain, and the child experiences a sensory connection between motor skills are schooled through the activity of kneading the dough, mathematics areas of instruction overlap and intermingle in manifold ways. For example, in coherence. his perceptions and his own activities. This provides the child with a sense of baking, is further developed. Add to that the planting, care, harvesting, threshing, loaf of bread, and the ability to form thought images of a physical process, such as is introduced through measuring the ingredients and the weight of the finished the activity of baking bread, aspects of health and nutrition play a role, but also themselves; they also cannot be fostered in isolation from each other, but the various it must always be kept in mind that in real life these areas never occur just by While we will nevertheless refer in the following text to specific educational areas.

should be present in all activities and creative endeavors with the children. Here authentically model a basic attitude of reverence and to be a living example of devotion and love as a life path. the focus is not on any particular content, but on whether the adult is able to This is particularly true in the area of ethical-religious education, which

It is not abstract knowledge but the true experience of such ethos and attitudes which exerts a deep moral influence on the young child. Waldorfeducation endeavors to provide the experiences of coherence and the development of resilience to the fullest extent of which the individual child is capable by allowing the children to immerse themselves in a wide variety of reality-filled activities that have a connection to daily life. Especially in our times, when children are afforded fewer and



fewer opportunities for hands-on experiences, an approach like this is of great

surrounding the child and created by adults and the relationships in the child's supports this choice. The way Waldorf education deals with the child's sexuality and girls alike. Each child of his or her own accord gleans from the rich pedagogical take their due place in the learning process. The instruction is the same for boys the end of the first seven-year cycle do conscious reflection and thought activity environment are the means by which a child is self-taught. The child teaches challenging these faculties in the preschool and kindergarten levels. The realities intellectual discrimination to come in later years precisely through explicitly non and activity and strengthens his capacity for self-development. Waldorf education immediate experiences stimulate and challenge the child's own joy of discovery (Maris/Zech, 2006, see bibliography). and with questions of sexual education is the topic of a different publication options that which corresponds to his or her own leanings, while the educator (created) by the adults. Only after reaching a certain developmental stage towards himself, stimulated by the facts and conditions of his environment provided likewise finds it necessary to foster the faculties of thinking, reflection and Instead of introducing the world to the child through technical media, these



Free Play as an Activity that Fosters Development

if we regarded "play" as a form of "leisure activity." For young children, play is between the child's play and the adult's work is that work integrates itself into the will he in later life be able to immerse himself into his work. The only difference up to all life competencies and social skills. Free play is also a perfect basis for affords the child such an opportunity for self-education. All life skills can be education pays great attention to childhood play. There is no other activity that work, through which they make the world their own. For this reason, Waldorf even more from that of the adult. We would fall prey to a deep misunderstanding that emerge from within and are free from purpose-orientation. outer purposefulness of the world, but the play of the child arises from impulses developing their own individuality. As the child lives earnestly in his play, so thoroughly investigated and practiced—from varied motor and sensory skills The play of the young child differs distinctly from that of the older child, and

aggression and fear can be dissipated and transformed through play into positive opportunity to grasp what he experiences daily in his environment using his own and determines for himself the values and rules of the play. The child has the autonomous, sovereign and free, because he acts solely from inner motivation fully immersed in the creative fantasy of the moment. He can practice being child can imbue the things of the world with meaning from within and can be instructive or interruptive interventions of the adults. Also the toys and play making these experiences his own. Even traumatic experiences, will and to process these experiences creatively through imitative activity, thereby materials should predetermine the play activity as little as possible, so that the The kind of free play under consideration here remains uninfluenced by hindrances



Forms of Play

things and their interconnectedness. Any effort to teach the child the purpose of around him. His own joyful activity awakens in him a sense for the meaning of he has perceived by observing the gestures and activities of the adults working skills. Eye-hand coordination and left-right coordination are constantly refined his own body through play. Children feel their hands and feet and test their motor developmental process of the child. In the first two years of life, the child discovers learning in the first years of life. close, spontaneous immersion, which is characteristic of the unconscious way of his activity would likely distance him from this connection, rather than further a in his environment, touching and exploring them. He imitates the movements As soon as the child can walk, he finds the greatest pleasure grasping all the things The particular nature of free play changes with each age level, mirroring the

suddenly be a telephone. A footstool becomes a motorcycle, a doll's bed, a train give it a surprising, new, and completely different one. For example, a spoon will of ideas, the child will dispense with the predetermined purpose of an object and there is a marked change in play behavior. With a seemingly unending treasury car, or a cooking stove. From ages two to four, when the child is able to move about more freely,

a child plays with the things that has anew, and go beyond that which is given. using his powers of imagination. He welcome opportunities to the child for changed. The play process itself takes meaning begins to unfold. He begins feelings and thoughts, and a web of this process, perceptions coalesce with His horizon expands continuously in wants to transform, supplement, create and events in his environment offer to provide the motivation. Objects from the child's surroundings begin on ever-new forms as the impressions to understand. But it is not only the way in which



child wants to make sure that his imagined world is completely like the real world (when the string is pulled). and transformed into an outboard motor that "really works" when the broom turns broom may be stuck through the handle of a basket, wrapped around with string, He will declare the things he is playing with to be "real." For example, a small plans and then executes those plans. The play materials are the same, but now the own imagination and memory. Now thought precedes will; the child first makes play, now, increasingly, the promptings are internal, from the pictures of the child's behavior. While before age five it was outer impressions and events that stimulated From ages five to six, there is another significant and noticeable change in play

before they arrive at kindergarten that day. over a period of days. Often the children already know what they are going to play roles and adhere to rules that they have created. Such themes of play can go on sequences are remembered, recalled and reenacted. The children assign themselves At this age level play becomes more social and continuous. Entire action

Building Ethical and Moral Values through Free Play

through the play phases outlined above. The child learns not only to stay true deeply interconnected if the child is given sufficient time and space for moving Willing, feeling and imagination can develop in a healthy way and be

to his own impulses emerging from within and to actively make them a reality; he also learns to feel what he wills and does and to understand ever more clearly the consequences of his actions. The first seeds of morality and prudence come to life engendered by the earnestness of free, creative play. Freedom together with personal responsibility, creative fantasy and an awareness of rules can grow from here, as do competence and consideration. The seeds for fundamental social and moral faculties are sown to unfold in later life.



Play Facilitation through Adults

activities. This encourages imitation and awakens the urge to play, while scripted so that the children can see and experience the meaning and process of these a quiet, positive atmosphere, and play materials taken from nature, which do unfolding of true individual, creative initiative activities or learning programs just cut into the time for free play and hinder the environment in which the adults engage in meaningful, practical tasks of life. not define the play through any purposeful directive. Such play also needs an In order to stimulate such content-rich play, the child needs adequate time.

$3.\,$ Movement, Physical Development, and Health

Pedagogical Aspects

and sensory experience have such significance as in the first few years of life. young child connects to his world. In no other phase of life do movement of the world and self receives its foundation here and affects the entire course of body sense, healthy life processes and an expressive faculty of soul. The experience faculties for physical control and thus lays an important cornerstone for a positive neurological structure of a growing child. Continuous movement strengthens the Every activity—whether motoric or sensory in nature—works its way into the Constantly in motion, active with the whole body and all the senses, the

The Motor and Physical Development of the Child

During the first and second years of life the child takes ownership of

his body. He begins with eye coordination and control of head movements, then comes playing with the feet, then rolling, scooting, crawling, standing upright, and walking. Along with these intense, though unconscious, sensorimotor achievements of the child, we see a maturation of his sense-perception organs and structures of the nervous system, forming the basis for the abilities to speak and think. Up to the age of five, the child becomes more





and more adept in balancing: he can climb stairs, walk for a considerable time, hop, jump, dress and undress. By employing increasingly conscious perception, the child purposefully exercises his motor faculties, clear down to the tips of his toes and fingers. For example, now the child commands enough dexterity to tie a bow or thread a needle. The arches of the feet, the curvature of the spine and the rounding of the ribcage are taking form, and rhythms of heartbeat and breathing stabilize.

In the sixth and seventh years of life, the child gains increasingly

since to the same degree that the body matures, the forces of soul and spirit are growing. Observing the motor and physical development of the child can be helpful released to facilitate the transition from implicit to explicit learning assessment of bodily maturation can be helpful in determining school readiness. or therapeutic help in cases of difficulty or delay. Furthermore, the observation and to educators so they can provide the appropriate stimuli for continued development nervous system and, along with it, of consciousness. Faculties of spirit and soul are phenomena are visible expressions of the ever-increasing maturation of the central more elongated and change proportion in relation to the rest of the body. These The entire body becomes surer in movement and balance. The limbs become differentiated fine motor skills and coordination of his arms, hands, legs, and feet.

all over the world. When the drawings are created in an atmosphere of freedom. certain universal patterns which can help us assess the developmental level. without direction, and truly out of the inner impulses of the child, they contain themes depend upon the child's age, but the drawings are the same for children This developmental process also finds expression in children's drawings. The

Formation of Ethical and Moral Values through Movement

adult's behavior. However much the adult may try to conceal negative motives: ponder questions of morality. inner reality. The child's sense for honesty is active long before he will consciously the child can perceive in the actions any discrepancy between outer pretense and gestures and movements, facial expressions and body language of the adult are read meaningful way. At the same time, the child's moral sense is strengthened. The person to meet the world with a positive attitude and to work in the world in a frustration grow within the child through these activities and allow the growing capacity. Joy, strength, confidence, as well as competence to act, and tolerance for he can differentiate his own movement-organism and develop it into full functional driven and mentally enlivened so that when he imitates those kinds of movements, importance for the young child to perceive movement in adults that is internally effects and are not suitable for structuring the brain. For this reason, it is of critical development of the child. Pointless romps and frenzied activity have rather negative by the child as unmistakable indicators of the attitudes which are at the core of the Only movement with meaning and purpose is of formative value for the

Adult Support for Motor Development

formation of the child's energy sources. with his individuality. The loving attention of adults strengthens the harmonious each of the developmental steps and experiences at his own pace, in accordance healthy way. A fundamental condition is that the child is allowed to go through play, building and "working," then his motor development will proceed in a If the child is given enough space for movement and time for uninterrupted

a high value on daily and weekly rhythms and on recurring activities: finger- and physical development of the child. For this reason, the Waldorf kindergarten places rhythms or melodies and joyfully integrates the gestures of the teacher; he thus trains or imitate later. In eurythmy the child moves according to the patterns set by verses, hand-games, circle games, rhymes and songs in which the children can participate help. Regularity and repetition exert an organizing, structuring influence on the Repetitive rhythmic processes and meaningfully ordered activities are of further



his own skill while moving toward an inner-directed gesture of his own.

Other regular activities include watercolor painting, drawing with wax crayons, beeswax modeling, handwork, and helping with household tasks such as washing, baking, cutting fruit, and gardening. Indoor and outdoor play and outings to the forest, for example, in all weathers, provide a variety of routine opportunities for movement experiences and practice.

4. SPEECH DEVELOPMENT

Pedagogical Aspects

and destination of the human being, the "why" of things and processes, and these questions can only be asked and answered through the medium of speech. cosmos of thoughts receives structure. Questions emerge concerning the origin through language, the connectivity of meaning and purpose become apparent, the the possibility to share with each other what moves us within. And even moreso, communication. They are the most important basis for our social life; they give us Language and speech mean more to the human being than just a means for

aspects of gesture, facial expression and demeanor of those speaking. For this, adults, so he needs adults for learning to speak. Nonverbal communication and speaking process is the precondition for any development and fostering of person to person; technical media cannot assume this task. The mutual listening research has proven that learning to speak happens only during live interaction, children need adults who devote sufficient time and attention to them. Much what he hears in tone, pitch and rhythm but also on what he sees in the subtle makes up by far the largest aspect of speech, and the child depends not only on as the child could not learn to walk upright without seeing the model of walking paragraphs, forms the physical foundation for the child's learning to speak. Just The development in fine and gross motor skills, as described in the previous

Phases of Speech Development

produce these sounds himself. of those human beings around him all give the infant opportunities to explore the meaning of the sounds and tones he perceives, long before he can actually to acquire the elements of speech. Gesture, pitch of voice, the facial expressions When the infant first starts to interact with his world, he has already begun

age. The larger the vocabulary and the more precise the language usage, then the more deeply and richly can the child express his own thoughts and feelings head, facial expression and body language. This process continues well into school role, just as does the complicated synergy of larynx and speech musculature in the $muscular \, control \, in \, which \, the \, regulation \, and \, rhy thm \, of \, breathing \, play \, an \, important \, control \, in \, which the \, regulation \, and \, rhy thm \, of \, breathing \, play \, an \, important \, control \, control$ Speaking is learned through a highly complex process of fine-motor and



perceive structural patterns and laws of the language in their environment and to been shown that from infancy children have an astounding ability to unconsciously the thinking faculty, which can then grow beyond the scope of language. It has At the same time the mastering of speech lays the groundwork for freeing up

syntax are brought step by step into the light of consciousness, and especially in transforming the visual symbols into speech and meaning. the conscious effort of the child, just as this is necessary for the reverse task of the life-resonant acoustic phenomenon of speech into graphic signs demands child for this highly abstract achievement in language development. Translating the context of learning foreign languages. Learning to write and read prepares the the child is in school, that the rules and patterns of language, its grammar and of language without ever having learned them consciously. It is only later, when and to express increasingly complex content, they obviously "know" the rules anchor them in their brains. Acquiring the ability to form sentences of their own

Fostering Ethical and Moral Values through Language

others in their different, unique states of being. the world, the thoughts and feelings of other people and unfamiliar cultures. He thoughts and feelings, but also in growing measure the child can begin to perceive can enter these new horizons, build human relationships, and learn to understand Language not only offers the child the opportunity to express his own

and deeds match. Our attitude (ethos) and truthfulness are extremely important a joke or witticism. an intentional lapse between what is said and what is meant and understand it as developing capacity of speech must mature for the child to be able to see through when we speak with children. Children do not understand irony or sarcasm. This expects a specific action or reaction to take place with certain word usage; words learns that every word has a certain meaning, a certain sense. The child instinctively Language forms a sense of morality and love of the truth in a child because he

Stimulation of Speech Development by the Adult

to speak, especially when the adults clearly articulate their words and meanings. The patience in listening to the child is equally important and to let him finish talking so tested by children. This requires a high measure of self-discipline from adults. But congruency of their words with their body language and gestures is perceived and Rich verbal communication with the child naturally fosters his ability to learn

play times and mealtimes. The child should be addressed so that vocabulary use way or in "baby talk." and content are appropriate for his age, neither "over his head" nor in a childish such attentive communication many times throughout the day—during greeting, express his thoughts and concerns without haste or pressure. One should exercise that he can gather thoughts calmly, formulate them into words and sentences, and

in puppet play, so that the children can get fully involved with the content and the important to tell and retell the same themes time and again, or demonstrate them they activate the imagination and creative powers. As in every learning process, it is vocabulary and language skills of the children who listen, but at the same time whole human being is involved. Daily stories and fairy tales not only enrich the eurythmy. Language, music and movement are harmoniously blended so that the poems, dances and circle games to be found in the Waldorf kindergarten and in of great importance for the cultivation of language. There are many rhymes and imaginatively integrate what they have heard into their play activities. presentation. They take joy in recognizing what they have seen and heard before. With the security of association, they can take on more challenging language and Pictorial, imaginative language that draws on the child's own imagination is



5. Artistic Development through Rhythmic and Musical Education

Pedagogical Aspects

and scientific-conscious thinking forms a polarity to the creative energy of the more onlookers, observers and critics, keeping our distance. Our causal-logical creative faculties and stand so-to-say in the midst of life through their active work. They enter into the essence of things unconsciously, while we adults are rather Children are born artists. They joyfully engage in activities, employing their

long as the adults are willing to learn to become artists themselves. formative powers. This needs time. All kinds of artistic activities are invaluable, as understanding of the world without losing their creative potential or individual The art of education consists of leading young human beings into a conscious

Cultivation of Music and Rhythm

done with children. This intrinsic human activity needs to be especially attended health, deepens breathing, and supports the maturation of breathing and speaking pertaining to human sentiment; more importantly, it strengthens the child's to nowadays. Recent scientific findings show that singing is not only a matter In today's daily family life, and also in school, there is less and less singing

and newborns are familiar with them long before they can learn to speak. Rhythm gait and movements. The rhythms of speech are perceived already before birth. spirit. At the same time, the child builds on his prenatal experiences, during which throughout childhood as one element of life. connects speech, music and movement, and this threefold aspect should thread time he was constantly under the influence of his mother's heartbeat, breathing, has an ordering, stabilizing effect on the organization of the child's body, soul and In singing, as in all musical activities, rhythm is of particular importance. It

mandate daily, as the children sing songs, recite verses and imitate the adults' The time in kindergarten offers a myriad of opportunities to implement this

time further their development. music ends. Without any direct verbal instruction, the children acquire complex sensorimotor skills which give them a deep sense of satisfaction and at the same or we gallop like little horses and then abruptly come to a halt when the verse or example, we practice big, stomping steps alternating with slight, tripping steps. movements to illustrate the content. They make the effort, without having to prompted, to improve the precision of their movements and gestures. For

Formation of Ethical and Moral Values through Music

individuality. Scientific research has shown that making music together not only participant makes an indispensable contribution through the power of his or her stimulating the creative imagination of children and their powers of initiative. But fosters musical ability but also increases social competency. sounds are activities that give rise to an integrative group life, in which every because listening, becoming attuned to each other, and creating harmonious genuineness and truthfulness. Likewise social relationships are strengthened the child gains insight into the essence of things; he can touch the sphere of the world. By experiencing the quality of sounds, tones, melodies and rhythms. music is not only a guide inwards to one's own self; it also leads us outwards into in life and stabilizes the personality. Musical-rhythmic activity is an ideal path for cognitive development, joy of movement and vitality. It strengthens self-assurance Music leads to the harmony of the soul and to an even temper; it fosters

Artistic Activities in Kindergarten

verses and rhymes, adding sounding as child's harp, xylophone, permeate of speech, rhythm and music Waldorf Interconnected elements instruments kindergarten. sing songs, bells; they daily life in speak such play The the





finger- and hand-gesture games, and every day they hear stories or fairytales, either read or told to them.

taught are of sensitivity and emotion. movement and of the powers with a training of inner soul which speech and movement here is inextricably linked physical movement training movement sequences. through day or week. eurythmy special highlight of the movement art form in The realized by eurythmy gestures teacher, а Eurythmy is concurrently professional forms class, The and

along with an increase in spiritual presence, so that this art can have a forming entirely, simply and age-appropriately on imitation and action. not yet as systematically practiced in kindergarten as later in school, but it relies effect on the whole person moreso than any other branch of the arts. Eurythmy is

something in pairs or alone, or when they wait and watch. The age diversity of the the child's participation, which helps the child's constitution clear into his or her group supports this holistic education. The older children act as models because The children practice social skills when they find their place in a formation, or do physical body. Speech, movement, and music are all present at the same time. moving and acting are all intertwined and fuse into one integral whole through through various appropriate gestures. Hearing and seeing, feeling and imagining class teacher. Songs and verses through the seasons are sung, played, and explored Circle time is another period of condensed artistic activity led daily by the

powers of imagination and fosters aesthetic faculties as well as dexterity. puppets is also important. It provides an extraordinary stimulus for the child's perform even complicated sequences. That strengthens their self-confidence and gives the younger ones an incentive to imitate them. The play with dolls and hand they know the movements and songs from the previous year and can already

storytelling. necessary that the adult possess great musical or rhetorical talent. What counts or disks cannot take the place of live singing and storytelling. Children need absorb these tales like nourishment for the spirit. Listening to audio cassettes images which vividly melds with the powers of feeling, will and soul, and they to fairy tales. The pictorial language evokes in them a colorful world of inner the experience of the process. Children react with the same intensity as they listen for the children is not an adult's ability but the effort that is made in singing or in order to go from the example, or role model, to their own activity. It is not the connection and relationship with a real person in the same room with them Concentration and purposeful activity are effortless corollaries of entering

and mixing of colors. At this age there are no specific themes given, so the children paint or draw with spontaneity. Any correction, judgment, or reflection experience the formative power of their hands and the effects of warmth processes. can create distance that will obstruct the children's inner will to create and their activity in kindergartenforms and how they transform in space. Painting with watercolors is a very joyful pressure and counter-pressure. They experience corners and flat surfaces, various Modeling with beeswax is another artistic activity through which the children -in movement, transformation, bonding, and encountering

in the moment, in the immediate activity and in the fulfillment of the present. Children of kindergarten age are all about the activity, not the result. They live

${f 0}$. Foundations of ${\cal M}$ athematics and ${f S}$ cience Education

Pedagogical Aspects

and science, thereby laying the groundwork for their abilities in those fields of physics, they are mastering, almost imperceptibly, the basic skills in mathematics compare and try. They unconsciously, but directly through their senses, experience children handle natural materials they naturally build and construct, sort and order, sciences, provided this play can proceed freely and without an adult agenda. When excellent unconscious preparation for future education in mathematics and natural experience enters their play. If we observe carefully, child's play is revealed to be reflection but with spontaneous activity and sensory perception. What they exploring and testing, they approach the world—not with scientific and critical how to interact with it. Long before they can calculate with numbers or the laws of mass, weight, quality, and quantity. They investigate the sensory world and learn Children are very interested in all phenomena in nature. Curious, inquisitive

study. Everything that can later be known and understood with the mind is first experienced with the physical senses.

Laying the Foundation

The young child lives always in the present moment, centered in his own experience. Only slowly does an awareness of "yesterday" and "tomorrow" unfold, based on the experience of "now" and "today," and giving rise to understanding life as extending into the past and the future, thus developing the faculty of conscious memory. A prerequisite for such development is that the



child live in daily, weekly and yearly rhythms which the adults consciously structure to recur in similar patterns. The child experiences time and space by way of structure, regularity and quantity; he is not yet able to objectively experience and judge amounts and proportions. His consciousness slowly awakens to grasp the qualities of space and time, of quantity, number and geometric laws in correspondence to his physical development. That is why the healthy formation and maturation of the sensory organs and their functions, as well as the movement organism, are a top priority



elementary school. of preschool and kindergarten education, extending into the first few grades of

into his play, when, for example, he lets chestnuts roll down the slope of a wooden and patterns of their environment. For example, coming to stand upright and he also explores the laws of leverage, stasis and balance. board or when he builds runways for marbles or bridges and towers. In this process teeter-totter or slides. He can comprehend these principles and transpose them friction, and so forth, when he jumps rope, plays on the swings, merry-go-round the child bodily experiences momentum and buoyancy, gravity, centrifugal force learning to walk are experiences of gravity and spatial dimensions. Later, similarly, Through their activities the children come to know the properties, qualities

sense for proportions. below, and right/left. Spatial imagination is trained in this process as well as a the circle and the center, ovals, lines, and spirals as well as inside/outside, above/ through their own movements the geometric concepts (and the actual forms) of During eurythmy and in circle time, the children unconsciously experience



years of life. and tested in play during his first six about something as a physical law that had been experienced physically time the child can recognize and think concepts of space and time. At that capacity to deal rationally with the change of teeth the child has the in later life. Around the time of the scientific thinking and understanding for the exacting, mathematical and intelligence. This builds the foundation still-unconscious physical-kinesthetic of his entire body coalesce into a play materials, and through the use play, through experiments with the that the child experiences through The connections and associations

Formation of Ethical and Moral Values

and well-ordered place in their first few years of life because this will give them the wonder, when they see how their teachers meet all that lives with respect, joy and basis and the strength they need to meet life's dangers and problems. home. It is fundamentally important that children experience the world as a good towards their environment. They regard the world as a place where they feel at by law, and thus they gain trust in their own existence and a positive mental outlook govern human thinking. The children experience the world as reliable and ordered An inner certainty ripens that the forces and relationships governing nature also reverence, a deep sense of responsibility takes root in them, a sense for morality When children experience adults regarding the phenomena of nature in

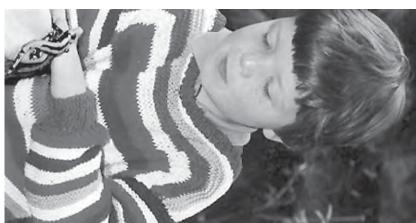
The Daily Kindergarten Routine

and promotes the capacity for overview, as well as independence are promoted purely through their everyday activities, for example, when they tidy awareness through reflection. The children deal with quantities and numbers, for proper places. Besides creating order on the outside, this also creates internal order up after free play, when they sort the materials they used and put them in their for baking, or count the number of muffins. Factual logic and systematic procedures example, when they set the table, cut an apple into segments, measure ingredients with laws of mathematics and physics without bringing them into conscious The daily routine in kindergarten offers manifold opportunities for dealing

touch sand, clay, water, wood, stone, and so forth. The qualities of hard/soft. In outside play, the children learn how different things feel when they

rough/smooth, and warm/cold become immediate realities through hands-on experience. Children also observe how sand and clay are different when they mingle with water, or that leaves and wood swim while little stones sink to the bottom when thrown into water.

Working in the garden, walks and small excursions into the park or forest offer opportunities for coming to know plants, to track their growth, blossoming and wilting. The children can observe animals and rainbows and clouds; they become aware of the daily rhythm, the course of the sun, the changes in daylight, warm and cold weather through the seasons. Much is gained towards a development of an understanding in the natural sciences when the child of this age learns not through dry abstractions, but



the foundation of perception that was laid in kindergarten and now assures that of the sensory world. This level of activity preserves a sense of wonder and creative enters immediate, soul-satisfying experiences drawn from the inexhaustible treasury his head, but also with his whole being: head, heart, and hands. the emerging human being can make a connection to the world not only through intellectual understanding of things, and when that rational, thinking element meets curiosity way into the school years, when the child will need to enter also into an



7. Formation of Social Skills

Pedagogical Aspects

with interest, respect and a willingness to help. this basis can he become free to not only look at himself but also turn to others acknowledged and accepted by his fellow human beings. The degree to which the child to experience and express his own independent individuality; he must feel degree to which he develops feelings of self-worth and independence. Only on experiences being safe and held securely in reliable human relationships is the To develop empathy and understanding for others, the child must first be able There is one essential prerequisite to the formation of social competency.

Developmental Steps towards Social Competency

aware of the needs of others. in the trust that others are there for him who unwaveringly care for him, who help without a dependable attachment figure, he cannot thrive. The young child lives and very stable social situation. The toddler is still in great need of relationships; Nothing is better for him than being imbedded as early as possible into an existing enough to experience himself as separate from his environment and to become competencies. Only in the course of time will the child become independent him. Having this trust fulfilled is the prerequisite for the child's developing social At first the infant knows only his own needs and expects complete attention.

children without siblings. On the other hand care is taken that the child can the larger, unfamiliar community of the kindergarten. In the mixed-age group, steps when, coming from the small community of the family, he now enters into time to pass through his individual steps of development in a circle of trusted remains the same over a long period of time, which allows the child the space and experience safety and warmth in this new, larger community. The group structure to terms. Manifold social experiences open up to the child here, especially for the child meets both younger and older children with whom he needs to come On this path towards social competency, the child has already made the first

for a growing social competency. This all creates a sense of trust in the world and in people, thus forming the basis celebration of seasonal festivals give the child an overview of schedule and time children and the teacher. A rhythm of activities through the week and the regular people and a familiar environment and to form stable relationships with other

self-assurance and strength. Thus the younger children are motivated to become along with perseverance and an earnest attitude towards work in conjunction with and give guidance to the younger children. A sense of responsibility develops are confident of their ability and knowledge, so they can naturally take on tasks during the last year before elementary school, when the "big ones" are familiar age group proves to be a natural aid on the path towards social aptitude, especially considerate and to wait; he experiences how older children can help him. A mixedenjoy and accept common life in a larger group of children. The child learns to be of the kindergarten, build relationships with a wider circle of people, and shape own powers of will. At the same time, the child can learn in the protected space attempt to become independent of the persons he is attached to and whom he should be special tasks that afford them opportunities to take on responsibility, just as capable later on. For the children in their last year of kindergarten there with the kindergarten routines, so they can be models for the younger ones. They trusts. The child explores and tests his autonomy and becomes conscious of his The phase of development known as the "terrible twos" is the child's initial



to prove their skills and perseverance, and to meet their desire to be of assistance to other human beings in a purposeful way. Special projects, field trips and challenging tasks are suitable for this purpose.

approximately the same age and level of development. Where before, routine and figure. The child can now consciously acquire social skills through practice. is imparted through rules and direction from a recognized and beloved authority unconscious habits lent stability and boundaries to the child, now this function learning takes the place of implicit learning, and the child is now in a group of fundamental change in social relationships as well as in learning behavior. Explicit The progression from kindergartner to school child is characterized by a

Formation of Ethical and Moral Values

among the most important fundamental values of humanity. We become socially competent when we have a healthy measure of self-confidence and security. The ability to form attachments, reliability, social competence—these are

do without, to lose and to understand. conflict situations and forgive others; he knows how to wait his turn and is able to meaningfully meet demands and master difficulties. Such a child can also yield in creativity, courage, self-trust, initiative and daring grow in him; the child can If the child knows that he is accepted in his existence and his abilities, then



Fostering Social Competency

strategies they prefer, how much tolerance they can muster—has a strong impact and is mirrored in the child's behavior. Children learn through the realities they examples. The children are guided unconsciously by these role models. The way in will make the difference between a merely formal or a heartfelt saying of grace. social powers; the conscious cultivation of the eating activity extends far beyond and phases of quiet listening and concentrated perception should harmoniously of the kindergarten; phases of full immersion in the group activities alternate experience in daily life. which adults treat each other—how they deal with force, which conflict resolution quiet consideration or nervous unrest, humor or pedantry, to name just a few customs and manners. Just as in many other activities, the example of the adults balance each other. Eating meals together is particularly valuable for developing own intentions, for example, in free play. Phases of an active turning outward with time when the child is allowed to be focused on himself and can follow his The development of social aptitude can be supported by the daily rhythm

8. Media Competency in Kindergarten and Elementary School

all times without losing one's orientation, and, on top of that, be able to make appropriate behavior in traffic. But how do we acquire this competency? With just like everyone is expected to be able to use public transportation or to show an assessment of the traffic situation and react to it appropriately. The maturity instance, in order to ride a bicycle, one must be able to keep one's balance at motor faculties to be able to perform simultaneously all the tasks necessary. For independently in traffic, they must first have fully developed an array of sensoriin traffic; they would be completely overwhelmed. Before children can move traffic, for instance, no one would expect young children to be able to navigate Media competency is expected of an adult nowadays at a matter of course,

before the age of ten. the dangers of letting children get into street traffic on a bicycle on their own environment. The ADAC [the German equivalent of AAA] warns rightfully of but through completely different activities and within a protected educational of development that is necessary in this situation does not develop in traffic

Contact with Media

in the first place, and through which the organism gains the necessary stability to early childhood, but by acquiring the entirely different faculties which must come develop in a healthy way. sensorimotor abilities necessary for the brain to gain its full level of achievement first. The most important and fundamental of these is the development of the competency worthy of its name does not develop as a result of a use of media in The same is true in regard to dealing with modern media. True media

and which cannot be addressed through electronic media. and integrating their meaning. This ability forms the basis for thinking and to develop through one's own inner activity the ability to build a meaningful modalities that coalesce into one, single object. It is a long learning process and sound of an object as qualities that belong together, as different sense actively experiencing the world in its abundance of qualitative sense impressions precisely this faculty which must be initiated during the first years of childhood knowledge from data, meaning from symbols, and understanding from texts. It is discrimination; supported by this integrative ability we can later in life distill connection from bits of information obtained via different sensory faculties For example, only in this way can a child experience the smell, taste, look differentiated development of the sense organs by ever again directly and The child is existentially dependent on being afforded

than what is visible on the screen. Moreover, sound and sight impressions are voice of an unseen speaker) are coming from an entirely different realm of reality because the sounds emerging from the loudspeaker (for example, music or the to the eye and ear and obliterate the congruence of image and sound perception, Computers and television actually reduce the sensory diversity and richness

a high degree, is at a standstill during media use. disconnected from physical activity, for the child's natural movement activity, to

and kindergarten, because at that age the sense organs and the corresponding or the most intelligent learning program." playing is the most fantastic children's program, the most beautiful animal movie, the mark completely. Brain researcher Manfred Spitzer remarks in this context. reasons, to make use of electronic media [television and computers] in preschool educational plans stipulate, the laws of child development must be given the "A television, video or computer screen is harmful to the child, even if what is itself. To argue that the content of such programs is valuable for children misses impressions are still directly involved in developing the network of the brain parts of the brain are not yet fully developed and matured, and all sensory consideration they deserve. It would be irresponsible, even just for physiological If we truly aim to design education with the child in mind, as the current

enable the older child to develop optimal media competency, the younger child electronic media as teaching tools in the kindergarten and elementary schools. To the upper grades and high school classroom, it is emphatically opposed to using must not be exposed to electronic media. As much as Waldorf education values the subjects of media and computers in



Aspects of Developmental Psychology

able to comprehend the production; however they still do not possess the adult the film editing with any kind of capacity of thought. At about age twelve they are even then few children are capable of organizing the string of events created by their surroundings as reality; they perceive what is in the film to be as real as the are seeing is fiction. They accept the fiction as reality just as they accept the rest of capacity to distance themselves from the content of the film. slowly acquire the ability to differentiate between media fiction and reality, and rest of their environment. Only during elementary school years do the children context of a film and, most importantly, are unable to determine that what they content side of film productions. They are hardly able to understand the plot and Enough studies have shown that children are not mature enough to process the reason for using media as teaching tools in kindergarten and elementary school. do, and regard only the content aspect, Waldorf education sees no convincing Even if we ignore the physiological effects of electronic media, as most people

age twelve, the children begin to grasp that the intent of the advertisement is advantage and targets children and youth. They know that at this age children directed at them, and even then they still lack critical distance believe the claims made in any advertisement to be the truth. At earliest around The advertising industry uses this knowledge of development to their

it now proves to be a catalyst for developing superior media competency. The messages. And then he should begin to examine them, because now he is ready and the brain, only then has the young human being become developmentally able to schools which work extensively with computers, studies have shown (2001) that it occurs too early during the first school years or even before school. In Israeli use of computers has been shown to be pedagogically counterproductive when the use of electronic media in early education is no disadvantage. To the contrary, developed through experiences in completely different realms of life. Foregoing equipped to apply his faculties successfully to the media—faculties, which he has enter into a conscious and independent critical examination of the media and their of one's own impulses actually has an organic foundation in the frontal lobe of At the time of puberty when the capacity for reflective, conscious directing

deterioration of learning. computer-supported instruction did not bring about any improvement of the learning accomplishments even in math classes and, instead, set off a tendency to

this prerequisite is hindered, rendering the goal unattainable. Therefore, from yet have the means to even attempt to meet this goal, but the ability to acquire of organ-specific processes and of the brain's frontal lobes, not only does he not electronic media, the point in time when one begins such instruction is of critical begin until puberty. the perspective of Waldorf education, instruction in electronic media should not importance. If the young child is prompted to deal with media before the maturing beings towards developing the complex action and thought sequences for using As reasonable as it seems to work on the goal of guiding young human

Capacities Developed in the Elementary School

9. Independence and Self-Reliance

in linear fashion, but in stages of metamorphosis in which the later stage never developing independence. dynamic of polar transformation. The self-reliance of adolescents accordingly appears to have come directly from the earlier stage, but rather in a step-by-step on an entirely different level, which will later serve as nurturing ground for Rather it requires that, first, fundamental powers are to be created and fostered cannot be fostered by demanding it to be present already in the young child Waldorf education relies on the fact that development does not proceed

strongly present in a child throughout the first grades of school. Joyously, the task, and the urge rises in him to imitate such activities as precisely as possible. do; the young child observes how the teacher skillfully and adeptly performs a child strives to imitate the teacher, who is able to do what the child as yet cannot One of these fundamental powers is the faculty of imitation, which is still



independence. But the child pays close attention not only to activities which the teacher performs but also to the teacher's inner attitude towards the task. Naturally, the teacher is accomplished in the tasks of writing, drawing and arithmetic. But



of the teacher begins here, not in rules and superior knowledge, and now, as ever importantly, serves as an expression of an artistic will to create form. The authority on one hand does justice to the task but, on the other hand and perhaps more spirit in which the work is performed, the consciously executed gesture, which primarily interested in results, but rather the way the results come about. It is the truthful, earnest effort make a deep impression on the child. Children are not before, the children seek this authority as an orientation and model for their own How much is he as a person present in what he does? Calm diligence and with what precision and inner presence does he draw or write on the blackboard?

impulse to practice on his own. Any challenge or demand from the outside can self-reliance [autonomy] is the right timing, when the child has developed the will to learn and joy of exploration. about. Given an atmosphere of trust, imitation and devotion transform into the in school determine whether an independent attitude towards learning will come obstruct the development of this tender shoot, and often the first days and weeks formed, sustainable independence. A second key factor in the process of gaining teacher modeled through work and attitude, this is the first step towards a well-When the school child develops the yearning to learn and do himself what the

10. Fostering Health through Rhythm

organ-specific rhythms such as the frequency of breath and pulse and intestinal lack of ordered thought, and, on a physical level it obstructs the consolidation of stability; "un-rhythm" or lack of structure favors uncertainty, motor unrest, and also good for the elementary grades. Rhythmic order engenders reliability and rhythm research confirms. In this respect, what is good for the kindergarten is soul, but also for his physical health and psychological development, as modern in a rhythmic way gains significance, not only for the well being of the child's flexible and lively rhythms. peristalsis. Such instability can be prevented through establishing reliable yet In a world of ever more ubiquitous technology, the structuring of our lives

Rhythm in Class

at the same time integrated into the common stream of the classroom community. singing, playing the recorders or other instruments, and reciting verses and poems is characterized by rhythmic-musical movement games and exercises together with and quiet "inner centering." The individuality of each child is acknowledged and establish an inner rhythm [breath] between lively, stimulating movement sequences or performing short theatrical scenes. The teacher has the task in this phase to three parts which are connected through flowing transitions. The beginning phase to structure the daily classes according to rhythmic patterns. A two-hour block each the cheerful and humorous to the earnest and serious. There are many other rhythmic elements that could be named here, ranging from morning is dedicated to starting the day together. This main lesson is organized in With these considerations in mind, it is a basic principle of Waldorf education

form drawing, writing, reading, arithmetic, and, later, the sciences, history and form allows the children to become deeply engrossed in one subject at a time: three to four weeks, the so-called block method of teaching. This organizational focus of this phase is teaching a particular subject every morning for a period of vocational fields such as construction, agriculture and handwork. The previous elements play a role in the second phase, the "work phase." The



subject and developed new knowledge and faculties, which he now can "digest." and creatively. In the third and fourth weeks the student gains overview and up to it and becomes enthusiastic, and also learns to work on it independently awakens, the student slowly becomes familiar with the new material. During is allowed to "forget" what he has learned so that after some time has passed, it eager grasping and practice, the student slowly comprehends the material, warms the second week, the encounter intensifies, learning gains substance. Through these all characterize the student's first encounter with a new topic. As his interest will be available to him in the form of new abilities. The subject is laid to rest, to be resumed in another lesson block later. The student perspective. Curiosity, wonder, tension, excitement, and sometimes anxious anticipation— The student has reached a comprehensive understanding of the

now he is immersed in a world of inner imagery and can let go of any restlessness or reading, carefully drawing beautiful and difficult forms or doing arithmetic, but main lesson, the child employed all his powers, expended great energy in writing of the child, an almost audible exhaling can be heard. During the work phase of the and tension which may have occurred previously. While the teacher is talking, bringing forth meaningful images before the inner eye The main lesson time closes harmoniously in the third phase of story telling

Just as each main lesson unit is thoroughly rhythmically structured, so is

a rhythmic-dynamic way. Through the processes of breathing in, holding one's the continuum of days, weeks and months, yes, of the entire year organized in breath, compacting, and breathing out, the child can develop resonance in his soul and find his own rhythm.

Structuring of Learning Steps

shorter duration.) day rhythm. (Depending on circumstances, this can be accomplished in units of matter is achieved. Accordingly, each lesson unit is ideally composed in a threeof the subject and transform it into a faculty or skill, we need to interrupt the second phase with bringing the subject matter into the immediate present or and initial perception of the new material to be learned and continues into a is based upon a certain construction process. It begins with active familiarization into the subconscious and a true absorption of and saturation with the subject has learned, at least once or even several times, does the body of learning sink conscious learning activity and allow for sleep. Only in "forgetting" retrieving it from a distance of time. If we want the student to gain a solid hold keeping a certain rhythm, fully supported by modern sleep research. All learning In structuring the sequence of learning steps, Waldorf education attends to what he

subject matter at hand-first through outer, then inner contemplation, and in of carefully remembering what the students observed and experienced the day this encounter remains in the realm of becoming acquainted, of active awareness freely and independently. the "forgetting" that lies between—to such a degree that now he can work with it clear as possible. The third day shows that the child has largely assimilated the before. Together the students develop a picture that is as comprehensive and to interpretation, evaluation or definition. The following day brings the task and shared reflection. The phenomenon, the observed fact is not yet subjected In the first step the child meets the new subject matter (class topic). At first,

learning we afford the child sufficient time to internalize a subject, to perceive mind, but remain full of life and can still grow. If through this guided three-step Concepts which are developed in this manner are not grafted onto the child's

contributions and thus the three-phase method simultaneously contributes to the of the lessons but are discovered very independently. The children will be easily will develop a wealth of further possibilities that thematically follow the course the essence of a subject, and to learn the fundamentals through practice, then he development of independence. motivated to join in the further development of the lessons through their own

11. MOVEMENT EDUCATION

of morning practice. Running, jumping, hopping, skipping, and, last but not education gives wide latitude in the lesson plans for the first few grades for fostering enter school with insufficient dexterity and motor-foot skills. Therefore Waldorf put through a lot of work in finger games and coordination exercises preparatory often the children are clumsy with their hands and lack the right skills. They are to "write" and "grasp" during play, for example, to make tracks in the sand. Too the lessons. And since the feet are often still cold and stiff, they are even guided least, stopping exercises for the feet are targeted consciously and integrated into was stimulated and supported. Now in the elementary school it becomes a focus the gross and fine motor skills. In kindergarten this process of motor development Movement and cognitive learning are closely connected. Many children today



to more delicate tasks such as playing the recorder and knitting.

Once the joy of movement is awakened, the children cannot find an end to inventing ever-new games on their own. In the schoolyard they jump rope, ride unicycles, walk on stilts

or juggle balls. In many schools circus troupes have formed in which many a child who initially appeared helpless achieve true mastery as an acrobat.

Gymnastics and physical education offer many more diverse opportunities for practice, and emphasis is given to the group aspect and playing by rules. Artistic exercises are especially useful for developing movement. Eurythmy is the prime example. After roughly the third grade most children can coordinate their movement sequences with aplomb and have gained in this process both inner and outer confidence.



$2.\,$ Speech, Reading Skills, and Foreign Languages

students practice precise diction that helps them learn to use language for concise oriented language for writing. accurate description. As they mature, the children learn to use this factually daily repetition to also be able to speak in front of a larger circle of people. The performs theatre scenes. At first this is done in chorus, so the children can quickly of facts and concepts. Every day the class recites verses and poems and speaks or from artistic, image-rich poetry and prose to the more sober, descriptive language Therefore each main lesson offers the entire spectrum of language possibilities outer facts but is also a means of expression for inner processes and images. more differentiated in this process, because language not only serves to describe throughout all his years in school. The soul life of the child becomes more and learn the piece by heart, and they slowly gain enough self-confidence through Waldorf education thoroughly fosters the child's language competency

as well as their emotional life. This process best unfolds if the teacher has prepared some also remain as unexpressed questions within the children. Through repeated children's stage of development. With the poetic magic of inner imagery, he tell the story freely, maintaining full eye contact with the children. the storytelling so well that he can completely let go of reading from the book and create their own inner images. This has a positive effect on their speaking ability telling of these stories through the medium of language, the children learn to touches on the questions of life, some of which the children speak about, but "story" portion of the lesson. The teacher tells stories that are oriented to the A third kind of encounter with language is experienced during the daily

of the language through listening, singing, and playing. Foreign languages with imitation are still so strong at this age that the children just flow into the stream start in the first grade with English and French, or possibly Russian. The forces of down into gestures and movement expression. they also provide for a richer and more differentiated range of verbal expression, their peculiar structures not only enrich the perceptive faculties of the child but instruction in two foreign languages. In German-speaking schools the children A lasting enhancement of the experience of language is achieved through

so that language competency does not suffer attrition in writing. Some children are developed. It is very important to allow each child to find the "right timing" increasingly applied also in writing, and thus writing and reading competencies in their writing skills, and vice versa. excel at oral expression but may need more time to achieve the same confidence During the last third of elementary school, speaking and listening skills are

$13.\,$ Education through Art

other areas as well. enables him to learn to differentiate nuances, gradations and qualities in many relationships. Training in the area of differentiated perception takes place which painting exercises that allow him to experience the qualities of color and their the world of color through watercolor painting. The teacher directs the child in the subject matter down into the realm of his will. For example, the child discovers towards ever finer perception and creative form giving, so that he connects with but permeates all lessons as a methodological principle. The child is challenged In Waldorf education artistic activity is not limited to specific, separate classes. soul which have been freed-up and can now be consciously used by the child the pedagogy of the elementary school focuses on working with the forces of creative powers and are subconsciously involved in forming the physical body, While artistic activities in kindergarten stimulate the expression of the child's

Similarly with music, the effects are not limited to the music lessons. Tone, melody, and rhythm move the children's souls in manifold ways. The abilities to hear and listen, almost a lost art today, are cultivated, and in these processes of listening to outer sound, the child at the same time finds access to his inner life, to himself, and also to other human beings



in a more perceptive and inwardly vivid manner. successfully exercised, the child breathes differently and can even approach others whom he joins in listening to and making music. When musical perception is

faculties of the child, which so far (up to the change of teeth) were actively engaged It teaches a differentiated feeling for space and fine motor skills. The form-giving Forming these malleable materials trains the hands in touch and creation of form. In this context, modeling with beeswax or clay takes on special importance

also as forces for thinking. Through working with his hands, the child can connect with the natural process of becoming. Art opens the door to creativity. in building his organs, are now available to the child, not only as creative forces, but

school in a structured artistic approach. The child learns to make precise drawings sense of certitude that reaches far into his thought processes and his sense of self. the complex process of form drawing and the discovery of new and ever-new cross in regular intervals, mirror each other or even invert. By going through curved lines; then more difficult and challenging forms, increasing step-by-step of regular forms, at first simple ones developed from the polarity of straight and laws of form which constitute the world. At the same time he becomes intuitively aware of the formative forces and the inventions of forms, the child gains a power of orientation which can lead to a The sense of form is challenged in most differentiated ways through lines which Form drawing is introduced and developed during the first four years of

consonants, syntax and poetic imagery. also with the powerful expression found in the elements of speech: vowels and with the experience of the musical elements of tone, melody, and harmony, and qualities of physical space. These qualities of movement in eurythmy are connected experienced in eurythmy with the whole being. The child learns about the various pencil, initially as mere imitation and increasingly freer and more creative, can be For example, the forms that a child creates in form drawing with paper and limbs all the faculties of soul and spirit acquired so far, following objective laws. experience in this class how they can integrate into the movement of body and Eurythmy is an art form that moves and vitalizes the whole being. Children

14. Introduction to Mathematics

third number is emphasized, again accompanied by a certain movement sequence in unison. For example, the path to the times tables emerges when every second or in chorus, accompanied by rhythmic stomping, clapping, skipping and jumping on rhythmically structured movement processes. Counting is learned by speaking Beginning lessons in mathematics in the Waldorf elementary school are based

or an omitted movement sequence. This requires much concentration and eye-

place of outer activity. As the children first assimilate the multiplication tables counting. activity, and, for example, the process of multiplication is simply a higher level of prepare the ground on which later the purely mental mathematical computations and the number field up to 100, through physical and sensorimotor activity, they pronounced, so the children transition gradually from limb-supported recitation can unfold smoothly. Counting and calculating are connected to their own to simply speaking the times tables, and conscious internal management takes the The teacher makes sure that over time the movements become less and less

everyday life. Numbers are something real that we can interact with inwardly and the meaningful connection between the world of numbers and occurrences of In applying multiplication in a practical manner, the child experiences

are guided to handle the first arithmetic operation as the additive analysis of a always starting from the whole and moving to the parts. For example, the children recognize the path of the other as being as equally viable as one's own. thinking flexible and has a positive effect on social interaction, in that one will basic understanding that many paths can lead to the same result. This keeps their number: 12 = 7 + 5 or 6 + 4 + 2, and so forth. This method gives the child the Another essential aspect of Waldorf education concerns the principle of

importance to the child's later attitude toward the world that in the early grades the whole, with a part of it shared by all human beings, instead of just thinking life will also be very different if the faculty has been well developed for considering of parts that must be added together. The social and ecological attitudes in later then going into the separate parts, or whether one views the world as a collection very big difference whether one is accustomed to starting from the whole and things very concretely and they connect the numbers with realities, it makes a parts to the whole, which is how it is usually taught. Since children experience arithmetic is taught to proceed from the whole to the parts, instead of from the of one's own part. But this method engenders further, more profound effects. It is of no small

15. ETHICAL AND MORAL VALUES

elementary school years, Waldorf education does not set about specific discussions experiences of awe, respect, love and gratitude through the way the subjects are of ethical-moral issues during the lessons. Rather it tries to involve the student in To create a basis for consciousness of ethical and moral values during the



the adults who influence the children through example. In that case, the children human beings takes form which includes the readiness to help and act on behalf can find their own way. If these values unfold freely from within the child, then, experience is carefully cultivated during the lessons in school so that the children with the world and with other people. The groundwork for such possibilities of with nature, for example, or in perceiving the primal images found in fairy tales, will also come to deep feelings of awe, gratitude, and love in their encounters of others. over the years, that sense of responsibility and duty towards the world and other fables, and stories. They will develop growing awareness in their encounters For this approach to succeed, these faculties must be authentically present in

The Education and Self-Education of the Educator

goals only if certain social and organizational conditions are also present, through elementary school. Unless otherwise noted these conditions apply equally to the kindergarten and which the quality of the pedagogical work is safeguarded, both within and without. Teachers and educators in the Waldorf schools can realize their educational

SELF-EDUCATION AS THE FOUNDATION FOR ACTION

is one of the cornerstones of education and learning processes. is the adult's responsibility to form this encounter and render it fruitful, and development. Self-education of the adult in support of his/her modeling function he can fulfill this task only to the degree that he furthers his own personality The encounter between adult and child forms the core of all education. It

aid in finding a supportive, inner connection with the children is also the daily ritual of reviewing the day, not in the sense of mirroring one's own self, but rather in meditation and are suited to help deepen one's pedagogical work. An important philosophical foundation has included a canon of writings which should be explored as a systemic task. In other words, all questions relating to the children and their time, the goal of Waldorf pedagogy to understand education and learning processes one's own behavior on that particular day. It is the prerequisite and, at the same through an intense perception of what was experienced with the children and in find exterior incentives and support. Since the founding of Waldorf education, its The adult can accomplish this task through his own motivation, but he can also Self-education includes the core task to change habits out of one's own free will



development are simultaneously always questions relating to the educator himself, how he can change in order to give the children a corresponding and appropriate space for development.

Joy and Competency in Practical Work

the child meets them as facts of life and will wish to imitate meet the necessities of day-to-day life. Their educational value lies in the fact that in such a way that the work tasks emerge quite naturally, factually and logically to dexterous skills and cognitive processes not through a teaching presentation but housework or handicrafts, and to guide the children towards acquiring certain It is the task of the teachers to perform many different kinds of work, be it

of a feeling of coherence can be built up in this manner as a lasting quality of the will unfold in the world of play as corresponds to their age. The educational goal children will in turn be encouraged to engage in creative activities which they extending from homemaking personality. practical competencies that allow them to fulfill the tasks at hand, then the husbandry. If the teachers are enthusiastically striving to acquire the necessary with tools, and, depending on the circumstances, garden work or basic animal The educator will need a repertoire of practical skills for this purpose. to certain handicrafts, some workshop skills

in the subject matters he teaches. (Rudolf Steiner demonstrated just how far The prerequisite for this effect is the teacher's level of interest and immersion the world, which unfolds lasting effect as a foundational experience of coherence. mankind. Such images touch the children's feelings and create a relationship with he can present it as an artistic, exemplary image of the realities of this world and the teacher is connected in such a way with the subject matter he teaches that In the lower grades the same quality of education and learning develops if

always start with the result, for example, from the sum instead of the addend, and those which Kant addresses when he speaks of "synthetic judgments a priori.") connects this suggestion with the deepest questions of human realization, such as this interest may reach when he suggested that introductory arithmetic should

Artistic Competency

example for the children. Whether or not the artistic elements in the children's rhythmic whole without particular learning goals or mental processing of what in the kindergarten. These activities include watercolor painting, drawing with efforts at the appropriate skill level and his creative will. daily routines become an effective educational force depends upon the teacher's happens [during the day] with the children. Instead, the teacher is there to be an are integrated into a daily and weekly schedule in such a way that they build a games, and the special movement activity of eurythmy. All of these activities on simple instruments, rhythmic speaking, finger and hand games, movement colored beeswax block crayons, modeling with beeswax, singing, playing music Artistic activities are a part of life in Waldorf education. This is especially true

and requires forms of practice and training that correspond to that disposition. rhythmic composition of the class instruction as a basic element of a true "art of education" presupposes a fine sense for the vital and soul disposition of the student track class teachersof the class teacher. Furthermore, the class teacher is responsible—together with the movement, painting, drawing and sculpting generally fall under the guidance [tasks] first grade. In the lower grades singing, simple instrumental play, speaking in chorus, The Waldorf elementary school curriculum includes artistic classes starting in —to imbue all instruction with an artistic focus. Especially the

are faculties that can be developed through self-education, in particular through and empathy, presence of mind and intuition so that he can meet the children, to artistic practice. learn from them while at the same time helping them in their education. These contact with the children. The teacher must possess a high measure of sensitivity kindergarten and elementary school teacher, namely in the social realm, in direct But artistic competency of yet a completely different nature is required of the

$2.~{ m Professional}$ and Continuing Education

other field. Some teacher training courses are scheduled such to allow a teacher to for those already practicing in other professions or who have a degree in some at Waldorf teacher training seminars or in qualifying courses which provide training education. Working responsibly in Waldorf education requires basic training either training courses in content and scope. continue working while taking the course. These courses are equal to the full-time The Waldorf teacher's faculties require appropriate professional and continuing

student teacher plans, designs and reflects upon his own pedagogical intentions of one's own worldview as well as to becoming familiar with the foundations of center of all Waldorf teacher training. These studies contribute to the deepening and actions. training steps also involve a relatively long internship, in the course of which the Waldorf education, its basis, curriculum and classroom methods. The qualifying Anthropological theory of knowledge and child development studies are at the

attendance in continuing education courses in the arts and sciences, on current is the regular participation of all Waldorf educators in conferences, which will be childhood issues, and on methodological and didactic topics. Of equal importance Indispensable for working in the Waldorf educational system is regular

outlined in the next chapter.



teaching, are group child care licenses and supervising agencies in regard to issuing respective state departments of education the varying constraints that are set by the organizational structure. training and continuing education courses, areas, just like the qualifying professional in the kindergarten and elementary school subject The basic professional education courses kindergarten certain differences in This is a result of directorship and

3. Working Together

education. The following organizational forms are in place to provide for this endeavor for the individuals and organizations working in the field of Waldorf of any educational work with the children. Cultivating this cooperation is a key cooperative element. Fruitful cooperation between adults is an essential element for the success

Weekly Faculty Meeting and Child Study

anthropological, medical, and social conditions that are present, in order to arrive at providing appropriate help. understanding of his or her developmental situation in consideration of all the child, but rather to get nearer to the essence of the child and gain a detailed goal of these discussions is not to form any kind of judgment about a particular of individual children in relation to pedagogical questions of issue at the time. The training in these areas. The weekly conference also includes methodical discussions work session. At these meetings issues of administration and self-governance within psychology and anthropology are studied, providing the participants further primary focus is the work on pedagogical issues. Themes such as developmental the school are discussed as well as imminent organizational tasks; however the In general, the faculty at a Waldorf school meet once a week in a conference

Working with Parents

information about the child at home and at school can take place. Everyone their will on each otherfor parents and teachers to refrain from trying to issue directions or imposing his own unique relationship to the child in utter freedom. Therefore it is necessary fulfilling a pedagogical function claims the privilege of being allowed to develop of complete respect for each other's pedagogical competence, an exchange of with those who are closest to the child, namely the parents. In an atmosphere Giving due consideration to the uniqueness of each child means working -directly or indirectly

there is the highest possible clarity. are always in communication and informed about each child's situation and that the child's home environment. This ensures that the parents and pedagogical staff also at the parents' home, which allows the teacher the opportunity to experience with the child and to enter a dialogue about the pedagogical approach of one's (parent meetings). They usually take place on the school premises but at times parents (parent-teacher conferences) and all parents of a child's group or class own work. Such regular conversations are held between teachers and individual Rather, it is of importance to share with each other what they experience

principle of truthfulness. a model for how in the social realm differing concepts can complement each other uncertainty or confrontational tension in the child. On the contrary, the child sees opinions about educational questions can exist side by side, without engendering basis for unembellished exchange of real experiences and to thus cultivate the harmoniously and be supportive of each other. Moreover, this process creates a The school's inherent tendency to maintain a distance is overcome and diverse

good of the school and its students. through the preparation of festivals and bazaars, through initiatives around public organizational forms for cooperative activity between parents and teachers for the various committees of a kindergarten or school. Every Waldorf school finds its own events and through the co-responsible participation of parents and teachers in the Further opportunities for parents and teachers to work together come about



4. Cooperation between Kindergarten and Grade School

appropriate it is to the growing human being. For this reason Waldorf education sees as one of its tasks understanding the kindergarten and school as a single adulthood. The greater the holistic view of the developmental years, the more organismic whole that functions cooperatively. elementary and middle school grades, between preschool, school age and young Human development is a continuum; it knows no boundaries between

all written records available. This shared experience of the child, as well as joint through comprehensive discussions with the kindergarten teacher, who also makes school can be carefully monitored from both sides. The first grade teacher tries to school share the same space facilities, then the teachers are together regularly at into school appropriate for each individual child. discussions with the parents, forms the basis for a consciously structured transition get as detailed a picture as possible of all the children he is accepting into the class the weekly pedagogical conference. The child's transition from kindergarten into This cooperation proceeds on various levels. When the kindergarten and

parents, an optimal situation is created for the child. contact colleagues and administrators of the new school so that, together with the into a public or parochial school, the Waldorf teacher makes a special effort to responsibilities. Even in cases where the child is going from a Waldorf kindergarten but the transition between kindergarten and school is still a path with shared degrees of cooperation between the kindergarten and neighboring schools, kindergartens exist independently of any school. In these cases there are varying cooperation, including legal-economic requirements. However, many Waldorf or working under joint public agency supervision, there is naturally broader When the kindergarten and school are administratively connected as well,

Cooperation with Therapists, Doctors and Expert Consultants

signatures of behavior and behavioral problems, that is, behavior that requires special attention and monitoring, has become blurred. That is why Waldorf schools the stages of child development generally recognized in conventional developmental uniqueness of each individual child. processes of individual children and help teachers and parents understand the professional opinions are of significant support in the educational and formative make an effort to work with physicians and therapists on a continuing basis. Their psychology can often no longer be clearly discerned. The line between individual Today childhood development progresses much faster that in former years, and

pedagogical experts with a close connection to practical educational and teaching this task aside from their regular practices. In either case they are experienced questions. Some expert consultants are hired directly into the schools; others fulfill methodological/didactic issues and extends also to conceptual and organizational regionally organized expert consultation that covers direct pedagogical and Educators working in a Waldorf kindergarten also have access to competent,

areas, through taking an active part in professional conventions, and through tasks within these groups. working groups of the Waldorf schools, and colleagues are assigned to special number of cases there are also pertinent courses being offered through the regional mentorship situations within their own schools and other schools as well. In a accompaniment to colleagues through continuing education courses in many are still working, in Waldorf schools are extending consultation and advisory Similarly, experienced teachers who have worked for a long time, and often

6. RESEARCH AND QUALITY DEVELOPMENT

Documenting the Development of the Children

a format of his own design. The file will also contain a collection of the child's updated, or the teacher may record the experiences of the individual children in the end of the school year or when the child leaves the kindergarten. are kept covering the child studies by the college of teachers. The documentation and teachers of schools which the child may later attend. Furthermore, protocols children have while in their care. This documentation serves to support the teachers' drawings and watercolor paintings, which are then given to the parents either at has been developed by the Association of Waldorf Kindergartens and is frequently may be written in a standardized format of notes in a notebook template which own awareness and also to form a basis for discussions with the parents, colleagues A Waldorf kindergarten keeps written documentation of the experiences the

an extensive evaluation in which the instructing teachers characterize the learning are discussed with the parents. At the end of the first and subsequent school years. report is primarily an orientation for the parents, but it is also addressing the child year, and indications about steps still be taken. During the early school years, the behavior of the child, the progress the child made in the course of the school the parents of each child receive a detailed report. This is not a grades report, but examination to determine the status of his health and development, and the results When the child enters a Waldorf school, he or she undergoes a thorough

Research in Pedagogical Work

teachers show within their fields of expertise. Such research by nature is subject character only within a certain type of human relationship. Therefore research under consideration, can have no validity here. Children do show their unique between research subject and researcher, who must not influence the processes to very different conditions than usual. The principle of objective distance Waldorf education highly values a certain degree of research activity that the

that is relevant to educational practice happens primarily in a real, responsive

suggestions, for example, the magazines Erziehungskunst [Art of Education] publications make available to the public such research findings and conceptual so they can ever-new account for the foundations of their work. A variety of existing upon the perceptions and observations of their daily pedagogical activities. internal Lebrerrundbrief [Newsletter for Teachers]. Medizinisch-Pädagogische Konferenz [Medical-Pedagogical Conference], and the (professional and regional conferences, for example), and document those results. exchange and discuss the findings with their colleagues within a larger framework Waldorf educators in kindergarten and elementary school regularly reflect

inventory is continuously supplemented with new releases. numerous fundamental writings on all areas of Waldorf education, which classroom materials and books. Moreover, various publishing houses offer research and information departments in the form of brochures, workbooks, Kindergarten Association, the Association of Free Waldorf Schools, and their More comprehensive presentations are made available through the Waldorf

Intention and Quality Standards

and supporters from the greater community—participate to ensure the present all active, accountable members of the organization—faculty, parents, agencies methodical work on a mission statement during the formative process, whereby school should not only review and describe its pedagogical concept and the certification is an individual decision. or school will get outside help with quality management or undergo external needs and questions will find their way into the process. Whether a kindergarten concept and forms to its ever-present needs. This happens as a matter of course by organizational forms resulting from it, but should also continually adapt its development. That is why, when addressing quality standards, every the actual structure of every school is different and in a continuous process of Anthroposophy is the common foundation for all Waldorf schools, but

conscious awareness and evaluation to the various processes in the school and by Waldorf schools generally implement quality assurance by regularly extending

social quality. Such quality is safeguarded only through binding procedures which these procedures must allow for the possibility of new approaches. periodically question the tasks and the conditions for work and education; similarly redesigning them if need be. One cannot fixate and thus assure pedagogical and

individual to fit into a rigid framework. Waldorf schools and kindergartens take underlying intention in forming a school is to create a living organism which they must serve the developmental needs of the individual human being. The that in our time the communities and institutions no longer face the task, as in concrete educational and formative needs of the human beings involved. that into account by ever and again aligning their conceptual approach with the can serve the developmental needs of the human being instead of preparing the former times, of giving orientation to human beings as a group; to the contrary, Rudolf Steiner expressed the thought in his "fundamental sociological law"

7. Self-Governance

and decisions through specific mandates from the group work. and there is no directive hierarchy within the staff members. While the school may with those responsible for the legal and economic aspects, the faculty administer Individual colleagues or groups of colleagues implement the recommendations consensus of the tasks at hand and, on that basis, to develop guidelines for action practice. In the conference meetings, all involved parties strive constantly to form the principle of cooperative self-government is nevertheless operative in actual be legally required to designate certain people as fulfilling leadership functions. the school, attending to the planning and implementation of all necessary tasks, self-management has been a special characteristic of their institutions. Together Since Waldorf education was founded in 1919, their system of cooperative

atmosphere of positive interpersonal relationships based on mutual recognition organizational form rather than a rigid hierarchy among colleagues creates an connected with the quality of pedagogical work. For one, choosing an alternate The model of collegial self-governance serves two main purposes, subtly

pedagogical decisions if the conditional constraints are expertly considered. consequences of one's own work. No one can fall back on predetermined general of cooperative self-management sharpens one's awareness of the conditions and conditions; everyone is responsible. Indeed, one can only arrive at truly free makes it possible to confidently delegate tasks to each other. Further, the principle openness and honesty among colleagues in their interactions with each other and and appreciation. A climate for true encounter develops, forming a basis for

creating a real life situation for the children in which tolerance, personal initiative development into free, self-directed personalities. lived reality and social fact. This has a deep pedagogical effect on their own responsibility, and productive cooperation are not only pretty words but are truly Through responsible self-management, a third goal is achieved, that of

Responsible and Entrepreneurial Attitude

efforts made by those responsible in making the kindergarten or classroom a space education can thrive only upon the foundation of freedom of development. demanded. It is rather a question of attitude, just as the impulse for Waldorf Entrepreneurial spirit is required. However, this step cannot be formulated or Rather, the Waldorf kindergarten and school become partly one's "own enterprise." An attitude of "working per instructions" does not allow a situation to be genuine. for living, which they have created authentically, with much personal engagement instruction, but on the realities they live with in their environment. This includes the Children, especially young children, do not orient themselves on verbal

Managing the Organization

construction and maintenance of the building(s), business management, and association model, with a board of directors that carries the legal and financial the large amount of work is divided among delegates and committees who are representation of the organization to public authorities. As in the teachers college, board is elected from members of the association and is responsible for finances. responsibility for the school on an equal level with the college of teachers. The Waldorf schools in Germany are for the most part organized along the

given the necessary decision-making authority, time, and financial parameters to

schools is that the college of teachers, or a body that has been formed from the parents, develops its own profile. One example of the legal structure of Waldorf process. the various managing bodies is of great significance to the success of the social college of teachers to administer the school, has the sole authority to hire and the board about these activities. On the whole, healthy communication between dismiss teachers. However, they have an obligation to provide information to Every Waldorf organization makes its own bylaws and, together with the



Cooperation among Waldorf Institutions

in association with other Waldorf organizations. The Waldorf kindergarten and national associations such as AWSNA in North America and the Bund in movement has its own regional and national associations (such as the Waldorf examination and can demonstrate a convincing concept backed by appropriately granted to institutions that have successfully completed a thorough process of Germany. The name Waldorf is legally protected by trademark law and is only Steiner/Waldorf Early Childhood Education. Waldorf schools also have regional Kindergarten Association in Germany) and the International Association for In spite of their autonomy, no Waldorf school works in isolation, but rather

qualified pedagogical professionals. Newly founded schools are supported in the process of establishing themselves through mentor partnerships with established

$8.\,$ Integration into the social Environment

schools become more or less active and significant co-creators of the community's a part of a living and evolving social architecture of interested parents and other institutions in a community or region. They take seriously the fact that they are cultural life. festivals, open house days, and bazaars are some of the events, so that Waldorf program. Lectures, concerts, seminars, art courses, celebrations of seasonal to the public. Almost every Waldorf school carries on an intensive public outreach but they allow for more clearly communicating one's own pedagogical concepts county levels not only open up opportunities for cooperation and coordination, pedagogic orientations and with committees and groups on community and members of the community. Meetings with neighboring representatives of different mandated pluralism, Waldorf schools enrich the landscape of available educational In keeping with the principles of educational diversity and constitutionally

Architecture and Space Design

should be according to principles that are not limited to functional criteria, but character has influence on the social processes, experiences and health of children. security and openness. At the root of this approach is the knowledge of the effects that offers stimulation as well as a calming, comforting effect, fostering both which help create an environment for the child with his enormous sensitivity Therefore the design of the physical space for a kindergarten or elementary school Spaces and buildings are like an extended skin. Life happens in them, and their

into the physiological life processes. generated by all details of color design, qualities of form and materials of furniture and accessories, choice of pictures, lighting, and so forth. These effects reach down

angle offers the possibility of creating rooms which give the young child a much architectural features of the house. While rectangular-shaped rooms may be of a new building is an option, these factors come into play when designing the pragmatic purposes, in an environment that in itself has formative powers. If the educational principles and simultaneously make them visible in the world. stronger life-awareness of being sheltered and held. Thus architecture can support engaging his life awareness and far removed from indoctrination intent or functional appeal, an organic way of building that is free of the dictate of the right The child should find himself in a well-structured environment, directly



Linden Hall, Sacramento Waldorf School, CA



Kindergarten, Summerfield Waldorf School, CA



The Waldorf School on the Roaring Fork, CO



Lower grade classroom, Germany



Auditorium, the Waldorf School on the Roaring Fork, CO



The Toronto Waldorf School, Canada



The Pine Hill Waldorf School, NH

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