

CHAPTER 3

THE “FRUITFUL MOMENT”

AS A CATEGORY OF TEACHING

From birth, a person is aware of the reality surrounding him. Fellow persons also belong to this world in which he exists. This requires that any meaningful human becoming can only be actualized in an interhuman space. A didactic event includes more than the act of learning. Along with each constituting act of a child, there are values and norms which are striven for. Following Van der Stoep,^(61, 124) this act of constituting does not fall outside the terrain of educating and, thus, cannot occur in school without a teacher. This postulates that a teacher and his presentation must assume a central place in a [school] teaching event. Each didactic situation is an interhuman situation within which a teacher can give a particular bent to the event through his presentation. Thus, it is an adult's task to continually keep an eye on a child in a situation of association and, thereby, ensure that he will be able to intervene when a child requests it or when the teacher notices a fruitful moment for educating and teaching. A child's actions and expressions are continually compared with those of other children. Explanations are sought and permissibly investigated within the demands of propriety, as maintained by the adults of a particular culture. The responsible actions and confident conduct of adults also are necessary, by which a child learns to make value judgments. A child also is going to learn purposefully by imitating, copying and repeating [after] an adult. Thus, a child learns very badly without any formal teaching during the time before he goes to school.

A child is not merely biological [ly dependent], but also helpless and dependent on adults for guidance and support. Educating and teaching, thus, do not begin in a school didactic situation but already in the family: As Langeveld^(38, 45) asserts, a child always wants to be someone himself, and this implies that, as a not-yet adult, he is dependent on an adult to be able to become a person. He appeals to an adult for help such that, by acquiring content, a structure can be given to his own lifeworld. Therefore, the help and

support an educator provides first occurs because, as an adult, he feels called to do so and then, only because it is his task and obligation as a teacher or parent. Each situation of association between adult and child, already contains the possibility of changing to a situation of encounter with educative (i.e., teaching) moments. But a person must first learn to know before he can choose and obey. Thus, there is an alternating intervening of an adult, not so much about moral educating, but primarily directed to presenting new learning contents or forms of learning. From this knowledge which a child acquires, later he will be able to make choices. Such an intervening of an adult, with the aim of teaching, can be distinguished but not always separated from an educative intervention, which primarily involves living up to values and norms.

As educating, teaching is a sporadic event which can only be realized in an encounter between adult and child. Teaching is an event continually changed by moments when a child depends on himself and must exercise learning activities independently. An adult, however, always remains co-responsible for a child's unfolding. Viewed fundamentally, teaching begins very early, i.e., with the first dialogue between mother and child. Adults teach a child in his movements and activities needed to satisfy his physical needs. Later, we again teach a child when he acquires language. Formal educating, with learning and teaching as moments, begins only when reality has become too complex for a parent who no longer feels up to the task of presenting his child with a valid interpretation or representation of it. In school, as a reestablished home situation, the help of another adult (teacher) now is enlisted to further carry out the task of educating and teaching and, in this way, guarantees, as far as possible, a child's passage to adulthood and human becoming.

Instead of acquiring experience naturally by spontaneously participating with reality, in school formalized teaching is given in terms of ordered learning material (contents). These contents provide a means for bridging the gap between the lifeworld of a child and that of an adult. Thus, the school (a teacher's presentations) unavoidably lies on the path of each young person. Even so, a didactician cannot take a school-didactic situation as his

point of departure for grounding and disclosing categories [essences] of teaching. For an ontological anchoring of this existential phenomenon, there must be a return to the family as a primordial [educative] situation. And since an adult (educator) always finds himself at the center of the didactic event, in that he must continually step up as mediator or catalyst, it is required of him that he justify the “what”, “why” and “how” of his behavior. The first two of these aspects [what and why] are discussed in Chapter 1 where the importance of formative contents, and their formative value and sense are shown.

The question of “how” the contents must be presented to a pupil covers a wide field, about which there are few final conclusions, is explored in Chapter 4. In the present chapter, attention is given to the “fruitful moment” as a primary category of teaching.

3.1 THE PARTICULAR SIGNIFICANCE OF PEDAGOGICAL TACT IN A TEACHING EVENT

An adult, as initiator of a teaching event, always accepts responsibility for the direction in which the unfolding of a child’s potentialities is going to take. To make an unlocking of reality and world possible, there must be an attempt, as far as feasible and desirable, to provide democratic-pedagogical guidance in terms of which a pupil is made ready for specific actions and attitudes. The activities of an adult do not leave a child untouched.

Following Van der Stoep,^(61, 127) learning presumes a continual change in the life and choices of a person. The presentation, i.e., the way and form adopted, requires a pupil to respond by actively participating in the event.

Bonsch^(5, 14) sees pedagogical tact as the way in which a teacher is going to “express” himself in the situation facing his pupils. With tactful behavior, and the application of teaching aids, he can, in his presentation, succeed in attaining a healthy atmosphere and learning climate which will influence the intentionality [i.e., directedness] of a pupil. A pupil must receive support for his good as well as weak qualities. In tactful ways, it is possible for a teacher to allow a braggart to narrate without reasoning with him. The

restraints and outstanding shortcomings of less talented and deviating pupils always must be handled carefully. Each teacher quickly discovers that a particularly talented, as well as an overprotected pupil creates problems requiring extremely delicate handling.

However, it is the firm conviction of the author that a form of teaching and organization which advocates the golden mean can have no place in a didactic theory.

Even though each presentation must be preceded by a thorough preparation of its didactic aspects, as well as a **subject area**, still it is the spontaneous behaviors and the relationship of trust in a classroom itself (to which a teacher's intuitive sensing and pedagogical tact contribute) which gives it a fluidity and mobility which differs from a rigid, preconceived way of acting.

A presentation by an experienced teacher later acquires a unique style where thought activities, based on his own convictions, begin to follow a contoured path. Although this pedagogical style is largely carried by pedagogical tact, it also is influenced by external perceptions and acquired insights.

The "style" a teacher shows in his presentation easily can show his attitude toward life. This usually will first be discernable in the way he maintains authority and dispenses punishment.

The problem of the dualistic nature of teaching is recognized in the contemporary pedagogical literature. There is always a didactic antinomy between the strictness of a method and the independence of a child because both can claim equal rights and, thus, can expect to be raised in equal ways.^(15, 115) The greater assurance of a fixed method followed by a presenter can run directly counter to didactic principles, such as individualization, which requires a looser classroom cohesion as a teaching form.

Gaudig^(61, 314) indicates that the preparation of a teacher must remain directed to maintaining a harmony between the activities of the pupils and the interpretation (representation) of a teacher. Room must be allowed for pupils to spontaneously join in and participate

on their own initiative and valuation. In this way, he acquires a timely opportunity to accept responsibility for certain choices. Our teaching aim, along with educating a child to his own responsibility, requires that our help not be such that a pupil is under the impression that he has no obligations. In each lesson situation, there must be room for a balanced interaction among teacher, pupil and learning material. There then are times when a teacher must withdraw himself, and a pupil is forced to display his own talent, originality and judgment. By sufficient motivation and encouragement from a teacher (also as this emanates from his own enthusiasm and passion for a matter), a correct attunement and readiness can be awakened in a pupil to himself explore further and, in his emancipation to explore formulations. At this stage, a pupil really manages the course of the event within an allowable framework of demands of propriety. A teacher will only intervene alternately by giving new instructions, to explain problems which arise, and to assess results. Obviously, this way of acting is not without its dangers. Van der Stoep,^(61, 316) however, sees danger in such a teaching event where too much of the initiative is put in the hands of a not-yet adult, and where a splintering of responsibility can follow. In close agreement with the general direction of the insights of Gaudig are the views of Bonsch, the structure of which he very creatively represents in a graphic diagram.

3.2 THE EDUCATIVE FRAMEWORK* OF M. BONSCH^(5, 19)

As already shown** in the first chapter (p.15) with the action model of Bonsch, school and out of school educative situations can be represented in which a pupil or a whole class participates. The organizational form of the diagram is of those pupils in a looser class cohesion within which no one is constrained to a specific place. According to Bonsch, it is necessary that a teacher move behind the framework from where he can accurately observe the course of the event and first evaluate each situation thoroughly before he intervenes.

* My translation of “raam” as framework and of “kam” as comb seems questionable. Access to this missing schematic representation might have been helpful. (G.D.Y.)

** The diagram is missing. (G.D.Y.)

A presentation aimed at the unfolding of a child must be continually directed to the pedagogical aim of adulthood. The first angle of the right angle, however, makes our intermediate aim of a particular lesson clearly visible in front of a pupil(s). However, Bonsch requires that the pupils are not summarily “let loose”. For the possible realization of our aims, a becoming person always must find himself in a “closed” space. This agrees with pedagogical views where it is believed that a child wants to venture alone in a situation in which he experiences security. Hence, educating no longer can be a haphazard event, and the act of learning cannot be compelled by a particular presentation.

To help a didactic situation become fruitful, an adult not only must have fundamental knowledge of the lifeworld of a child and, more specifically, of a particular child, but he must have acquired the necessary trust and respect of a child. Such a relationship of trust and attractiveness makes it easier for an adult to preserve a good relationship of authority so the aims can be maintained, within the limits of accepted norms and values, with greater firmness. For this, it is necessary that a teacher and a parent speak the same language and strive for common aims. For example, this will not be profitable if only in the morning at school lofty ideals are set and striven for while the parents show very little concern for the welfare of their children.

Thus, a loose class cohesion and a more informal classroom organization give greater “freedom” (room for play) to a child where he is more dependent on himself and ventures more on his own initiative. There even are anticipated possibilities which a particular pupil might take a detour and temporarily stagnate in a particular area and must even retrogress to recover the lost field and must orient himself again. Any such derailment must be investigated thoroughly by the adult; he cannot let this proceed unchecked.

Bonsch^(5, 22) also refers us to the extreme possibility where a child suddenly can find himself outside the framework of pre-stated demands, and the sphere of influence from the push of the didactic event. Now what to do? The responsibility for orthopedagogic and

orthodidactic help resides with an adult who must help a child to turn back again to a framework of greater directedness, security and safety.

In less serious cases where often only a temporary slump or confusion arises, sometimes it is pedagogically correct and allowable for an adult to not intervene quickly. It often happens that, after a temporary derailment and coming to a standstill or even retrogressing, once again a child discloses and exerts himself to move forward with renewed power. We believe that such an independent wrestling with problems, the search for an answer to a genuine question, and an active participation because of the push from the situation, all contribute to categorical forming and unlocking an area of reality.

In this way, a person becomes formed to a degree which is going to enable him to attain adulthood, as the highest form of achieved knowledge and forming, i.e., self-forming by auto-didactic actions. Designing a didactic situation following Bonsch's views makes it possible for each child to learn at his own tempo. This also enables a teacher to plan his presentation and methodological interventions such that it provides "light" pushes -- such as a comb(?) drawn through the class (see diagram) by which each pupil in his position in the framework is encountered and helped without unnecessarily disturbing the other members of the class. Here, one involuntarily thinks of the educative value a little tap on a pupil's shoulder by a teacher can mean to him, just as a kind smile or a sign of appreciation for one or another conspicuous achievement. The intervention of an adult contributes to allowing an individual pupil to move upward and forward in the framework without detrimentally influencing the good progress of the group.

In this way, a pupil more easily can remain directed to the immediate didactic aim of a lesson while the teacher moves behind the framework, always having the event under control and at any moment can express himself about it. Hence, he can give the necessary praise or rebuke in a timely way.

In considering our earlier comments about the event of becoming, the activity of "giving instruction" no longer can be seen as identical

with “passing on” a great quantity of factual knowledge. All accepted didactic interventions must be directed to the total person of a child, on how to motivate him and make him ready and willing, so that he himself can proceed to constitute a unique lifeworld. Roth^(15, 113) also requires that all elemental, introductory teaching must strive to awaken a child to actively participate. Therefore, the maneuverability and variability of a presentation (introduction), based on didactic insights, always is distinguished from the rigid, limited and regulated activities emanating from a methodology.

In teaching, in the first place, one is not involved with the methodological skillfulness and “ability” a presenter possesses, but rather with the extent to which he is going to succeed in helping to realize a “fruitful moment”. A teacher should always behave more as an accompanier than a guider, more as an intervener than a definer, so that a pupil is allowed the opportunity to act independently.

In a teaching activity there are alternating moments of acting and waiting, of stepping up and withdrawing, of giving and taking, of planting and drawing out. There should be an attempt to help a pupil [move] from the particular and separate to the general, but also presenting an exposition of the complex. But also provide help [to move] from the outer to the inner, and the reverse.

From the above, it is seen why a presentation emanating from an exemplary form of ordering learning material will assume an entirely different character, and form than when connected with a curriculum overload in which the event becomes strangled by the multiplicity and completeness [of contents]. Contents and forms of a presentation are inseparably bound to each other. The quality and formative value of a [lesson] design co-determine the forms of teaching. Where the forms of work and exercise, as well as methodological recommendations are not brought into agreement with the unique nature and structure of the contents, and the pupils do not make discoveries themselves, there can be no true formative work.

In much of the most recent literature, this two-fold task of the didactic is recognized and explicated. The fact that a person himself

wants to and can be someone, and [because of] the presumed dynamic emanating from this, the choice and presentation of contents which will claim and speak to a pupil, is enlivened, and directed further.

F. Copei^(14, 14) had introduced the concept “fruitful moment” into the theory of forming with the important and distinctive insight that, at a certain moment in a theory of teaching (fruitful moment), a pupil manifests the deepest and most vividly striking willingness and directedness of learning for disclosing the essentials and fundamentals of a matter. The categories of human becoming, as existential phenomena, are not pure substances which can merely be transferred from an adult to a child or completely inherited. The truth and quality, as well as the insight into the mutual affinities between each part of the whole of life, can only be unlocked by self-activity (learning activity) which leads to realizing a fruitful moment. To guarantee this active participation of a pupil, the didactic design cannot rigidly follow a fixed “recipe” or “bag of teaching tricks”. Any self-satisfaction of a presenter, as initiator of the didactic event, with one or another methodological way, based on experience or recommendation from another, must make a place for the suppleness, validity and meaningfulness of a schooled, didactic preparation or approach.

In the bi-polar didactic field, a teacher with a pupil must assume a position facing the learning material and, in doing so, to jointly explore the terrain once again and disclose its essences.

3.3 A DIDACTIC PREPARATION FOR THE POSSIBLE BEGINNING OF THE FRUITFUL MOMENT

In designing and planning any didactic situation, it is necessary that an adult think anew about the beginning of an act of learning, i.e., how, for a pupil, an impetus and push to learn can be realized. Because the activity of human learning cannot be limited to conscious phenomena but a child, as a person, is claimed in his totality, the beginning of our teaching cannot be limited only to physical and psychic moments. Van der Stoep^(61, 192) correctly says the fact that a child learns emanates from a push from his inner life (willing- and striving-life), which he himself will demonstrate and, in

doing so, be able to come to self-realization. Hence, the beginning of a fruitful moment must allow a pupil an opportunity to contribute to and help create the growing tension which must push him (pupil) forward to a breakthrough of boundaries. The realization of a fruitful moment must be seen as the highpoint during any didactic event. Hausmann^(15, 107) also correctly sees teaching as a fluctuating play of dramatic relationships between a pupil, in his learning activities, and a teacher, in his teaching activities, which do not follow fixed methods, but which only lead to a figuring forth under the freedom of a particular, valid didactics. For him, playing together lies in conversing and doing things together, which awaken a spontaneous joy in a child. Where interest and mindfulness increase from the relationship, subsequent encounters and lived experiences become meaningful. For him, such a didactic conversation can contribute to attaining a dramatic highpoint—a fruitful moment.

Thus, a fruitful moment is one of our primary categories of teaching. With the realization of such a moment in a teaching event, we ensure the optimal involvement and penetration of a pupil, which is more than a heightened physical sensitivity for sensory impressions from outside, or a psychic excitement and curiosity. Such more intense sense-conceptions and more exalted sense-creations make a spiritual achievement possible by which fixed points (islands) stand out, which can serve as beacons for later orienting and constituting.

A larger field of interest, paired with a heightened intention to learn, proclaim that preparation for a fruitful moment must remain directed to working for breadth as well as for depth. The learning activity which a pupil carries out must include activities of compiling and exploring, as well as orienting and judging.

Only a subjective involvement in and attractiveness to reality will address and motivate him to delve deeper independently.

Designing a situation with an eye to realizing a fruitful moment, thus, must ensure a striving for a harmony and equilibrium between the unique experiences of a pupil and the representations of the teacher. Along with fruitful becoming, as a matter of fusing

subjective and objective moments, establishing new relationships becomes possible, out of which new knowledge, activities and attitudes are born. [To meet the] demand placed on a presenter to create such a favorable learning climate, an in depth didactic-pedagogical schooling is required.

3.3.1 A didactic introduction to the fruitful moment

The possibility always exists that circumstance can play a role in the origin of a fruitful moment (for this there is ample evidence from practice) and, indeed, in two ways: in the beginning to offer a push, but also later with the flash of insights made possible by a leap to a solution. From this, one can conclude that a fruitful moment must not be mistakenly confused with the first becoming visible from an increased mindfulness or a greater dynamic mobility from awakening astonishment for a matter.

The aim of this section is to contribute to the disclosure of the event, which is going to precede a fruitful moment, i.e., the becoming fruitful, as a moment of sudden explanation, after a shorter or longer period of “seeking” a solution. We focus on the event of teaching which can contribute to bridging the gap between “seeking” and “finding”.

As a point of departure, this only holds for pupils with the necessary foreknowledge and experience at their disposal, and who confront the matter with the right attunement or receptivity for ideas, who can be ready for such a final explication. Although the discoveries of Archimedes and Galileo can be seen as “haphazardous”, we must not forget that before them, thousands of person have climbed into a bathtub full of water or have looked at a swinging pendulum. But with them, the scientific knowledge and intentionality certainly were missing, which must [be present to] assure a greater sensitivity for truth.

Although the teaching form and way, as well as the “personality” of a presenter, will influence the course of the event, the final decision about what and how much is going to be learned in a particular situation, still always rests on the personal factor of the pupil himself. Copei^(14, 61) warns us against the one-sidedness and narrow-

mindedness of the so-called “schooled” person. Because of his specialization in a particular area, he always approaches a matter with a particular intent and according to a fixed schema. Hence, the possibility is small that new relationships and particular characteristics, which are pregnant in a fruitful moment, will be conspicuous for him.

Along with the breakthrough of insight, and the solution to an actual problem in a fruitful moment, a person experiences a strong affective lived experience and claim of consciousness. Different from the productive thinking activities followed by scientists, which are made possible by rational and logical reasoning, a fruitful moment requires that all meanings related to the experience of the answer to the question be figured out. Out of the merging, as introduced by categorical forming, a higher unity is unlocked and carried to greater achievements. Thus, the design of a didactic situation cannot remain directed only to instilling objective, factual knowledge. To make a categorical forming event possible, and provide for a double unlocking, there must be a push through to constituting a fruitful moment.

In the heuristic principle of teaching, as applied by Socrates, we acquire a clear image of how his activities were focused on enlivening his pupils for the spirit of truth.

3.3.2 The Socratic mimetic

By means of a dialogue, Socrates tried to unlock the slumbering talents and latent potentialities of a pupil. He tried to entice a pupil to think independently by countering his pupils in such a way that they know they have not penetrated the matter. A question is posed in such a way that a pupil himself must seek conditions and must venture conclusions. The initiative for this event always remains in the hands of the leader.

For a meaningful point of departure, links must be sought with a pupil’s already acquired knowledge and his experiential world. As soon as a pupil discovers from a question that he already knows “something” (pre-scientific experience of the matter), this immediately gives him greater self-confidence and self-assurance.

Each question Socrates poses is raised with premeditation to elucidate an aspect of a problem. At the same time, this also enables him to point out weak links (as gaps) in a pupil's available possessed knowledge. This confuses a pupil when he is continually forced into a corner. When a pupil now discovers that things he has accepted as obvious no longer hold water, to a lesser or greater degree, a feeling of confusion arises, and later of desperation. It can be that, because of his initial confidence and self-defense, as a last resort, he will dare to try to defend himself with respect to one or another aspect. With tactful answers, a pupil's weaknesses in his explanation and direction of thinking now are demonstrated further. This throwing open [his weaknesses] then also provides a good starting place for determining the necessary conditions and essential insights from which a refined concept forming is possible. The unconcerned attitude and impetuous behavior of a pupil makes room for deeper reflection. Usually, here a pupil withdraws himself for a moment. During this period of doubt and decay, because of self-discovering and the disclosure of weak points in the structure of a pupil's possessed pre-scientific knowledge, a teacher must keep a close eye on the event without intervening too quickly or giving an answer too hastily. With pedagogical tact, and with didactical insight, the event can be guided such that it will result in the realization and maximal use of a fruitful moment.

Now a pupil must turn to an adult for help and guidance. Depending on the relationship of trust existing between teacher and pupil, on the one hand, and the strength of the appeal from the theme or object, as well as from the form of presentation, on the other hand, an intention to learn is awakened and a push to learn emerges. At the same time, any activities or behaviors of the teacher which make doubtful a pupil's trust in the genuineness of the teacher's interventions, and the truth of his presentation, will immediately restrain his lively participation, and squelch his confidence in asking additional questions. According to Schulze,^(51, 83) this leads to a state of narrow-mindedness.

When a teacher does not give complete answers, or gives answers such that they immediately evoke additional questions from a pupil, he can succeed in preserving the tension of attending, and can allow

a heightened acuteness for the matter to continue. The pupil remains very “searching” and “probing”. Things which were accepted earlier as obvious or were overlooked as insignificant, now are core problems. With the awakening of the tension-moment which increases from the realization of “not knowing”, an elemental push arises which is directed to a possible solution.

Because the available knowledge still is vague and unordered, the only way out for a pupil is to ask questions. These child-questions will each unlock a true gap or contain an anticipated solution. Such a manifestation of a genuine attitude of questioning is the first concrete phenomenon which gives an indication to a didactician that his preparation and presentation have succeeded, or are used to produce results. There now is a changed spiritual attitude and greater intentionality visible. With this, the possibility for self-disclosure is much greater.

When a breakthrough is still lacking, this will require further planning and conviction by a teacher to keep the interest of a pupil. The more differentiated the questions asked, and the deeper-grasping their answers are, the closer to discovering distinctive insights for a later solution is fostered. Thus, here there is no sudden aha-experience from an external stimulus. Hence, the task of a presenter is clear: As initiator, he must provide a push for a learning activity and not so much show everything.

Socrates himself never gave a complete answer to a question from his pupils, but the conversation always led back to the matter itself, by which a pupil was enabled to penetrate to the essence by means of mindful observing (aanskouing) and interventions. Initially, our presentation must strive for a twofold aim:

- (i) To bring about a renewed enlivenment in a pupil which will ensure a push in a search for a possible solution;
- (ii) To offer the vital force by which the resistance and hard crust can be broken through and out of which an insight into a solution must be born.

This last-mentioned aspect makes of him a true birth attendant (“Geburtshelfekunst”). Socrates’ form of teaching offers possibilities

for making connections when fundamental thoughts are sought in preparation for a fruitful moment.

For claiming a person as totality, a formative event always must emanate from a surprising, inviting, new and least anticipated phenomenon which awakens the astonishment and amazement for a confronted theme. Usually, a child begins to ask questions about what, for him, seems to be most conspicuous. The characteristics of certain contents and the “freshness” of a form of teaching can provide a spark for a greater vivacity and readiness to learn. Such an approach contrasts with the traditional deductive approach which usually begins by announcing: “Today we are going to begin with” This latter approach does not mention the beginning as motivating. A teacher gives a formal lesson or recitation while the pupils remain sitting passively and listening. Because everything is narrated completely to the pupils, there is very little possibility that new questions will come up. A demonstration lesson also easily can degenerate into an acquiescing after-thought, and a thoughtless imitating and repeating after. So far, a teacher himself is going to give answers to and perceptions of questions which have not yet been awakened in the pupils as an inner need. In this way, the contents lose their formative sense and formative value.

It always must be considered that each pupil possesses a unique experiential world which allows him to act “differently”, to experience things as unique, and allows him to ask various questions. When an answer from a teacher is given too quickly or he waits too long, this can entirely change the future activities and attitudes of a pupil. A “yes” or a “no” given in the right spirit and at a fruitful time, can achieve wonders in the teaching. The intervention by an adult can bring about a turn and change in the direction of the event. The formative value and educative impact of each theoretical insight, moral decision, esthetic creation, social encounter, and religious experience has its beginning in the self-participation in and acquisition of one’s own experience. The unfolding of a pupil becomes crystallized in spiritual activities by which reality is unlocked categorically.

3.3.3 A questioning attitude as the first phenomenal form in beginning a fruitful moment

Above we indicate that as soon as the obviousness of a known answer, and the self-confidence about what is known as true become disrupted under the push from the presentation and the counter-pressure from the knowledge of a matter, a moment of tension grows from this. Now, a pupil works under the imperative to answer correctly. In a search for a solution, the unrest increases while an answer is missing. Now, in trying to overcome this feeling of uncertainty, confusion and desperation, a pupil will turn to the adult he depends on for help. When a pupil still finds himself in a state of “not knowing”, he will ask questions by which he aims to bridge the gap between himself and the certainty of an adult.

A questioning attitude also can surface after a period in which a pupil persists (without success) on his own initiative after he has sought a solution. The awakening of a pupil to such a spontaneous questioning attitude now is a primary task in our didactic approach to ensure a probing intervention which will claim a pupil in his totality. Each act of learning now is carried further by a curiosity which entices a pupil to dig deeper in his “search” for new relationships and conceptual clarifications out of his available knowledge. A person now is even ready to tolerate negative influences, greater obstacles and new questions which he encounters.

The pupil who is becoming adult, quickly learns from experience that, in searching for a solution, success is not always found with inherited or fixed methods. Thus, we see that a teacher can, from a pupil’s questions, find meaningful links for his presentation. Where the aim of a learning event, in the beginning, is still vague and unclear, a teacher must try to disclose conjectures of the pupils, and with the help of teaching aids, to provide explanations and further illuminations. These explanations, however, must not be wordy or complete since this only contributes to an increased tension. In doing this, all powers will become burned out before a final leap is ventured. For any modification which seems to be necessary, a pupil can always be referred to the theme/object itself, i.e., to once again mindfully perceive (aanskou) it. On the other hand, we find that asking questions has become habitual with many pupils and they turn themselves to the teacher for help, even before they have ventured independently for a solution. A questioning attitude, as an existential expression and

becoming visible of intentionality, must carefully be prepared and utilized. Just as little as the formative value of a learning content can be “transferred” directly to a pupil by a teacher, just as little can a question or series of questions compiled by a teacher beforehand and forced on a pupil, be concerned with meaningful learning. How many times have we not experienced that the question-answer method is used, and even overdone, in school while one question merely is associatively connected with a previous one via logic and reasoning. This teaching form can only succeed when the total person is addressed by the learning material, where a sharpened learning intention surfaces and not only knowledge questions, but also fundamental questions are disclosed.

An inexperienced teacher runs the danger of giving too much value to a “child question”. Then, his presentation all too quickly is carried out on the level of an auction. It especially is a young child who easily loses himself in his world of play and fantasy for which there no longer is any meaningful cognitive- and thought-work, as well as intellectual creations.

Indeed, a child’s questions always are significant because they can give an indication of the direction of his interests. On the other hand, they also can reveal an uncertainty of a child about a matter. The task of a didactician is to seek a child where he is, to understand him in his spontaneous input and learning readiness, guide him in a didactic situation, which will direct his activities, but also to make provision for a sharpened push.

Thus, there can be little sense and value in beginning a lesson by formally stating a problem. Such a deductive-abstract beginning necessarily relies on logical reasoning and exact concepts for an explanation and clarification. Here an appeal is only made to a pupil’s intellectual abilities and, therefore, at most, there is “formal value”. Copei^(14, 60) also says all acts of thinking not getting their impetus from mindful observing (aanskouing) of concrete reality will remain powerless because they are caught firmly in the snare of logical relationships. However, designing a school didactic situation is not possible without formal learning contents. The choice of learning contents, thus, must be such that it will claim a pupil

because, in the first place, it awakens his wonder. Wondering is always a wondering of “something”. When a theme, because of its theoretical-abstract nature, does not direct an appeal from itself to a pupil, or where the needed foreknowledge and experience are lacking, this is a fruitful moment for using teaching aids.

However, the task of an adult remains to influence and change the intensity and direction of the event by his intervening, explaining and ordering, such that a pupil’s knowledge from visual examples and wondering are assimilated and converted to categorical structures (formative knowledge).

Max Scheler^(14, 71) refers to such aims when he speaks of: “eine Umsetzung van Materie des Wissens in Kraft zu wizen.”

The fundamental and distinctive significance of a matter, i.e. its fixed points (categories) are easier for a pupil to acquire when a teacher asks suggestive questions in between, by which unnecessary details become visible. The event must progress such that opportunity is allowed for a pupil’s own reflection on and intervention with actual questions/problems. After a pupil is made aware of the gaps existing between his own incomplete “knowledge” and the claims of the confronted object, he must have a bit of time to “let go” and orient himself (reflect). The questioning of reality now is the first making visible of a directed penetration and active participation of a pupil. This is evidence that the initial affective (pathic) revival now makes room for a more cognitive (gnostic) deliberation based on the pupil’s astonishment/wonder. Wondering about a matter now becomes an admiration [of it].

For a true searching of a problem field and the optimal use of his vital powers, the activities of a pupil now must be steered along ways in which he can undergo concrete (visible) experiences in “original” situations. Thus, the teaching is directed to making a “re-birth” of the matter or re-discovery [of it] possible.

But before there can be a change in this aspect of the argument, first it must be shown that a reduction in a pupil’s inner needs can only be brought about by asking [verbally formulated] questions. A question which arises with a pupil must be formulated in his own

words. However, a pupil is not always able to express himself clearly about a matter. In proceeding to ask a question, a feeling of security and the relationship of trust between pupil and teacher are determinative. A secure space is a precondition for a venturing attitude, which is necessary for asking questions. A pupil must not hesitate to express his spontaneous curiosity and awakened doubt about a matter in language which has meaning for him.

Some adults smother this initiative of a pupil by too quickly expecting logical answers in scientific language. For a more refined use of language and differentiated expression, a pupil must be led from independent perceiving and greater mindfulness to accurate understandings and refined concepts. This will happen if there is a dynamic interaction and reciprocal relationship among a questioning attitude, the illuminating results of a growing mindfulness and a subsequent unlocking in the fruitful moment.

3.3.4 Mindfulness and the fruitful moment

The choice and presentation of formative contents, however, remain of primary importance if the awakening of learning intensions is stated as a first precondition for the beginning of an act of learning. Only when a confronted matter forces amazement from a pupil and is distinguished as a novelty or something different, does it acquire an authenticity which claims the entire attention of a pupil. If a teacher succeeds with his teaching to simultaneously give formative sense to the event because of an appreciation of a matter, then there also is assurance of a push from [a pupil's] emotional life.

Van der Stoep^(61, 187) claims, in this regard, that the stress of attending, mindfulness and interest are closely connected with the action radius of a learning person, and give evidence of spiritual activity and an ability to arrive at a problem. The clear agreement between his view and the event which pushes through to a fruitful moment necessitates an opening up, for each didactician, further insight into and knowledge of mindfulness, as a moment which carries a learning event.

In the traditional theory of mindfulness, we find that it has to do with the greater skill in assimilating physiological-sensory

impressions because of greater psychic tension. Indeed, such a view is merely an accompanying phenomenon which can only contribute to the mindfulness of the learners.

A perceptive attitude indicates that, from the outset, there is a stake in and a push to learn to attain an aim (object). All activities and considerations of a learning person, thus, are guided by intended interventions under tense, intellectual control. Different degrees of intensity of this tension are possible, which will determine the spontaneous going out to the object according to the abruptness with which the questioning attitude has become pregnant, as well as the strength of the presumption which a possibly correct solution already has taken root.

From the questions a pupil asks, a teacher can see where the direction of his interests possibly lie. By now introducing the principle of individualized teaching, opportunities are created for differentiated teaching following his field of interest into which a pupil must enter with greater mindfulness.

The greater the mindfulness and interest a pupil herewith displays, his activities are carried out with greater self-control and self-criticism. Now he ventures with greater responsibility.

3.3.5 A teacher's explanation and interpretation as a facet of creating a fruitful moment

The explanation of a teacher only has a place and value in an event which precedes and helps prepare for a fruitful moment, if an emergence of a genuine questioning attitude is to follow. Only after pupils have become aware that their own attempts and intuitive answers no longer disclose the truth, will they be receptive to what is said about [the matter]. Thus, an explanation now is used when it is desired by a pupil with the aim which an analytic interpretation and disclosure of an area of reality is striven for in terms of which the further learning activities of a pupil are focused on a variety of acquisitions. The sense and meaning of the intervention of an adult is that, as a spontaneous and existential offer of help and support, it is a response to the appeal from a child in distress. From the problems which arise with pupils, a teacher now can join in to make

his presentation more aim directed. This enables him to leave aside certain details which do not contribute to a solution to the problem.

However, a teacher cannot follow an unlimited monographic pattern, i.e., a one-sided representation of reality from the side of a child should not be given. Although modifications sometime are necessary, there must always be an attempt, during the explanation of core learning material, to keep questions and interruptions from a child to a minimum. Because of a teacher's explanation, along with an analysis of the theme, possibilities must also be provided for new questions to arise which are expect to be be answered. This emergence of new questions can only be evaluated and done justice in a supple didactic approach. This will enable pupils to penetrate an aim structure of a complex theme more deeply and comprehensively. Through dialogue, it is possible to notice part-problems which must first receive attention before a synoptic solution can be attained.

With the interpretation of an area of reality, an adult then must strive to present an explanation of the essence contained in the abstract, scientific formulation to penetrate to the bottom of the matter. From this, an essential, basic question is disclosed from which the creator of the thesis, law or concept has proceeded to arrive at his original solution. In the interpretation, a teacher can provide the easiest explanation of the matter which he already knows by proceeding with an exemplar which unlocks the general. If a teacher's explanation relates to the known local environment (Heimat), and moves on a familiar course, a pupil can follow undisturbed. Then, what a pupil hears is already meaningful to him and he can orient himself more easily. In contrast to this, a pupil will not be able to follow a purely rational and logical explanation which is above the level of his stage of becoming.

When a gap in one or another facet of a child's conception of reality is disclosed, the course of the event must be interrupted, first to give "corrective" [i.e., orthodidactic] teaching, and then the pupil is allowed to investigate, compile and order.

It is especially in the exact, natural sciences, mathematics and subjects for which cause and effect are the necessary ground for

these thought structures, where there must not be a hesitation, with the appearance of a basic handicap, to clearly stop with the presentation of new learning contents, and only provide orthodidactic help. The actions and attitude of a pupil continually remain a meaningful factor which requires the sympathetic, compelling guidance and actions of an adult. If a teacher's explanation still takes its course in the experiential world of a child, he will participate and critically judge with self-confidence. His course of thinking runs parallel to that of the teacher, and it can even progress to where he structures actively and tries to anticipate what yet is going to be said. At this stage, attention also must be given to the partial questions of the pupils (which always can be meaningful), but there must be an attempt not to allow the unity and tempo of the presentation to become lost. As soon as an explanation introduces a divergent, unknown, or difficult concept, a teacher must expect that some disturbance will be experienced. Some pupils now will lag and the strength of the push and intentionality are going to decrease accordingly. Then the presentation must make provision for repeating and re-evaluating the important concepts. Here, a good methodological-didactical preparation will offer a teacher the fluidity and mobility to modify or change his whole approach and present the contents in new clothing. For understanding a complex theme or an abstractly formulated problem, it is first necessary to proceed to work analytically so that insight into the elementals can be acquired. At another time, one again can use an exemplary approach where the general is illuminated in terms of a simple example. Under no circumstances can one suffice with a formal, deductive proposition. With such a form of presentation, a pupil cannot disclose the essences and, understandably, this leads to "apparent results".

Although it is essential that the original clarification of the new concept must not be interrupted, however, it is not a law.

After an explanation, pupils must be given the opportunity for arguments and counterarguments, by which the meaning of a problem can become clearer. In this way, a feeling can be awakened that a greater conformity of fundamental concepts has been acquired. The greater the mindfulness and awareness in dealing with language, the more critical will be a child's future thinking, and

the more logical his reasoning. In this manner, the way to a solution (as his own disclosing) in a fruitful moment is increased.

The explanation is not a solution to the problem. This only aims to make a deeper penetration into a matter (by the pupils) more possible than they would be able to achieve alone. A child's observations (aanskouinge) of and interactions with [a matter] are led, via moving from an analysis to a synthesis or from the particular to the general, to a possible linking together of "searching" and "finding".

This also points to the fact that a pupil cannot always arrive at a solution by his own stake and "maturation" as is advocated in certain school systems and forms of individual activity teaching.

Copei^(14, 43) distinguishes **four** different possibilities by which the understanding of a coherency can be realized:

- (i) An event can occur with a frictionless way of understanding because there continuously is a result which clarifies another;
- (ii) an understanding only can occur after a question (resistance) which has arisen is resolved by further, careful explanation;
- (iii) an understanding which only will occur later from the result of a further investigation;
- (iv) an understanding that first breaks through after a premise was rejected as wrong and insight into a newly acquired coherency is attained.

From this, it seems that, although a teacher's clarification can elevate part of the tension and uncertainty [of a pupil], at the same time, this also requires a more receptive attunement which does not accelerate the [event] becoming fruitful. Similarly, too many consecutive, difficult problems and abstract formulations can contribute to aggravating the "darkness" of the situation for the pupils. No longer can we accept that a pupil later will come to a true understanding by repeatedly using a word (which he has adopted uncritically or with partial confidence). It then is the task of a teacher to return to the root word of the concept and indicate

its “original” meaning. We find the phenomenon, which when the “word” for a concept is used repetitively and applied unscientifically, later it will be used very mechanically and incorrectly, thus, eroding its true meaning.

Each teacher has experienced many times that he must search for a word to precisely formulate a perception or lived experienced situation. What makes this difficult is that the language used always must correspond with a pupil’s state of development. Thus, for example, in preparatory geometry, there should rather be talk of geometric figures which “match” each other, instead of too quickly using the abstract term “congruent”.

The strongest intuitive experiences and genuinely mindful observations (aanskouinge) of the pupils can be clarified further by a teacher’s explanation and interpretation and, thus, contribute to making it possible for them to master the language regarding the matter. Mastering, based on one’s own experiences and self-disclosures, can be taken as criteria for true concept forming. For there to be healthy, positive didactic work in preparation for a fruitful moment, one must seek the success which initially was attained in awakening a child’s learning willingness and intentionality, but also in the extent to which a teacher’s interpretation of the area of reality has acquired formative sense and formative value for a child.

In our last chapter, we connect with the above and show how a presentation, by means of simple paradigms and appropriate examples, can facilitate the representation of reality, as well as limit the overload of learning content. In addition to a good example compelling a pupil’s wonder and later his admiration of a matter, a general concept also is easier for a pupil to unlock if it emanates from an elemental or fundamental example. Exemplary teaching offers a person the unique intervention and genuine life-experience by which firsthand knowledge of a matter can be gained. Therefore, an idea will be presented in the curriculum of concrete and fundamental contents which, as core learning material, will indicate the conditions and guidelines by which the unfolding of a pupil is possible. The interlacing and merging of person and world is only possible when the essentials of a complex concept are clarified and

understood by means of a simple or fundamental example. Too much protection and complete explanations make teaching a “greenhouse” for false experiences. Therefore, an explanation must allow for independent “search” and differentiation according to a pupil’s interests. Along with the mastery of reality, each person enjoys pleasant moments like achievements in a fruitful moment, but also these alternate with moments of lapses and failures.

Thus, a teacher’s representations can help realize but not guarantee a fruitful moment.

3.4 THE FRUITLESS MOMENT ITSELF

Copei⁽¹⁴⁾ sees the fruitful moment as that time in a teaching event when a learning person displays the deepest and most vivid conceptions and creations [of meaning] which enable him to solve a problem. Spranger describes the fruitful moment as that moment in a person’s life, development and maturing when he shows interest in a matter and a readiness which offers him the best possibilities for an inner assimilation of the contents as a living part of his personality.

In contrast to this, Goethe calls the new knowledge which becomes visible by discovering a solution “aperçu” [“preview”]. This is a manifestation of an illumination which elaborates and penetrates through and through [i.e., from the interior to the exterior] to provide a synthesis of the subjective and objective moments.^(14, 31) Where the beginning of the teaching event is aimed at realizing this, it is the highpoint of the interactions between teaching and learning. However, it does not end with this.

As a point of crystallization of the pre-scientific knowledge, the essence of a matter becomes unlocked, and from the acquired insight, can be transformed into refined concept formation and scientific thinking. The strong subjective character of the event, and the intellectual directedness to mastering a solution, make the flickering up of the new, distinctive structure gain a stronger flavor of awareness out of which grows a more confident attitude. All that is mastered from such a fruitful moment will be distinguished sharply from “merely memorized knowledge”[“Nur-

Gedachteniswissen”], and a mere increase in knowledge. Such lived experiences which are realized from an inner push cannot be limited to those of very gifted achievements, productive thoughts and insights. From the point of view of forming, all quantitative growth in knowledge and skills in handling algorithms must be viewed as of secondary importance, although they can contribute to an eventual solution. Such achievements which progress on a “frictionless” path of effort (without stress), usually lead to “false” joy and results which possess little flexibility.

The appropriation of a new area of knowledge by a pupil is only possible when the “knot” between search and find is cut through because of a sharpened perceiving, more demanding thinking and fantasy image which become possible in a fruitful moment. A teacher’s exposition is necessary to overcome any deadlock and stagnation of active structuring in carrying on a conversation. Through the enmeshing of person and world via the harmony brought about between an appealing matter and a searching spirit, from the achievement of self-mastery an inner joy and enthusiasm arise. The easing of tension, along with the experience of joyfulness, are more than an intellectual satisfaction or psychic excitement. They give a person the vitality, liveliness, mobility and readiness for future attempts.

The fruitful moment is not a substantive reality which can be prepared with certainty, or methodically enforced. Its true place and precise duration cannot be planned but only utilized by a freed spirit as self-mastery. In many ways, this view corresponds with the Greek word “Kairos,” which points to a correct measure, a favorable time or a creative opportunity. ^(51, 193)

The thinking activities and explication which precede the event do not have a straightforward, progressive course, and do not follow a course of continuous reasoning according to a predefined scheme. The notion that coincidence also plays a role is not discussed here.

Although a final solution usually breaks through with a sudden and sometimes unexpected discovery of an answer to a partial question, it must not be confused with the Aha-experience as it is applied in animal experiments. It is important to take note of Helmholtz’s^(14, 28)

view of the matter: insight sometimes quietly creeps into a person's course of thinking which, at the time, he is not aware of it. However, as "knowledge", it then suddenly now becomes apparent to a learner, because it has been placed in a proper perspective with other knowledge structures, then a solution can appear to a pupil as a seemingly accidental occurrence.

In the fruitful moment, thinking finds a solid point of attachment from which concept forming, integrating and practicing to one's own possessed learning is possible.

3.5 DIDACTIC OPENINGS AND THE IMPLICATIONS OF THE FRUITFUL MOMENT FOR BRINGING THE TEACHING TO A CLOSE

A fruitful disclosure (as one's own achievement) does not leave a person untouched. Thus, it is also an essential condition for a learning event and human becoming by which changes must be brought about. These changes can include actions as well as attitudes. In the lead up to learning, it then also is the new attunement and willingness to learn which provide the impetus for further actions.

The true meaning of our preconceived design for a teaching situation lies in the contradictory lived experiences which a pupil undergoes. First, he finds himself in a situation of rising unrest and growing tension where, in a fruitful moment, there must be a place for a feeling of joy, happiness and self-satisfaction from a surprising breakthrough of insight. This gives the event a strong emotion laden character, whose formative value cannot be doubted. Dreschler,^(15, 105) therefore, rightly points out that only when a person enters an inner relationship and agitation with reality or an area of it, can there be a mastery of knowledge which is near-to-life. It is only through the "self-involvement" of a person with a matter which is appealing, that a penetration and intrusion into it can awaken a sense of inner joy.

This view of the feeling of joy is old: it already formed the fundamental concept of Aristotle's didactic theory.

From such a pleasant experience, a growing interest also occurs. Klafki calls the awakening and affirmation of a pupil's interest in a matter the fundamental precondition for any categorically dependent didactics. However, a correlative relationship between an educative aim and the form of teaching always must be maintained. Here, at the beginning of a fruitful moment, the thorough penetration and unlocking of the categories of the reality of a previously stated theme will require **other** didactic principles and methodological insights than those required at the end of the learning. One can begin with an exemplary presentation for motivating and discovering, which can be followed up later with informative and orienting conversations. But, it is important to remember that it is possible to achieve an aim in more than one way. On the one hand, there is knowledge which develops from firm convictions based on "experienced" concepts, and, on the other hand, which are supported by "adopted" knowledge and anticipated schemes. Copei^(14, 55) warns against any form of mechanical reading instruction, because a pupil can easily fall into the habit of thoughtlessly following the opinions and views of an author.

Such a receptive disposition of a pupil to slavishly follow, is strengthened further when the learning contents do not capture his interests. On the other hand, there is no formative sense for a child in explications and representations which are alien to life, as is found in many textbooks. Such teaching aids force our pupils to be mimics and imitators. However, this rigidity can be reduced when literature and textbooks are chosen in which the descriptions and explanations speak from original and firsthand experience, with firm conviction and a deep feeling which are captured in language. Then, a child is forced in his imagination to have such a near-to-life experience along with the author. The pleasure or dissatisfaction which a solution has for a pupil, is clear testimony that a reader has designed an answer for himself. The presentation of alien-to-life and unappealing contents in school remains an actual problem today, even though Rousseau had already fought against this in his "Emile".

However, any didactic principle and ground-form always remains inextricably linked with the subject matter. Thus, it is a prerequisite

that world and reality show themselves to a person categorically. In a fruitful moment, mastery of contents provides fixed points or categories of reality which then make orienting and further constituting possible.

It always is the peculiarity or novelty of a theme which first and foremost claims a pupil and allows him to act. Later, this forms the distinctiveness and “otherness” which, in concept forming is sublimated to a linguistic whole.

The didactic principles and ground-forms chosen to design such a situation, initially should be directed more to the incitement, enlivenment and inducement of a child. Roth,^(48, 93) therefore, searches for contents which are “near to becoming” [appropriate for a pupil’s state of becoming which will address him in his interiority, to the extent that the presentation is going to succeed in generating an enduring readiness to learn and intentionality directed to mastering contents and, thus, can prevail as a **didactic criterion**. Hence, the secret of the choice of principle for the didactic approach and organizing the learning material should be sought in the design of an original situation in which the theme is re-disclosed, re-discovered and re-created as a “primordial phenomenon” by the pupil. Then, once again, the dead learning contents and life forms are transformed into lively learning contents and forms of living. Thus, for a researcher and independent discloser, the didactic principle of experimentation must be brought back into connection with play, as a didactic ground-form. The work no longer is a burden, but becomes a joy. He does not try to see if the known solution works in practice, but once again, it becomes a task for which he himself seeks an answer.

The criterion for all truly didactically grounded formative work, thus, must be sought in the extent to which it succeeds in preserving the tension of attending so that a merging of pupil and reality can occur. This lived experienced moment cannot be done justice through a one-sided and rational interpretation of a teacher by means of a fixed way and according to a rigid method. For a fusion of the pathic (affective) and gnostic (cognitive) moments to occur, it is necessary that a pupil’s self-discovery (of a matter) in a fruitful

moment shows a correspondence with the abstract formulation and presentation by a teacher or textbook.

However, for this realization to be possible, the disordered and casual masteries first must be elaborated into refined concepts. Where there still is any doubt, provision must be made for sufficiently varied exercises and aids in which the acquired knowledge can be applied. There also must be possibilities allowed for further expansion and differentiation according to individual interests and achievement: all didactic guidance and preparation is not going to compensate for weak talent.

From the above, a method seems to be scientific, to such a fusing and categorical unlocking, only if it is scientifically grounded and can be planned with a degree of certainty, and if it emanates from a methodology in which a harmony and sound interaction are maintained between theory and practice.

Methods (methodology) always remain secondary and, thus, there cannot be teaching in which there is self-complacency with one methodological way. Only when a methodology is a crystallization from didactic preparation and, at the same time, where the unique nature and structure of an area of reality, as well as a pupil's state of becoming carry equal weight can it be protected from premature formalism and making a method absolute.

3.6 SUMMARY

Before we can expect an answer to the “how” of our didactic event, in the last chapter, it is desirable to give a brief overview of didactic considerations by which such a verdict can acquire validity. A person becoming adult always is in need. Each pedagogical interference and didactic intervention is directed to realizing an aim. The formative contents which are offered to unlock reality, must contribute to bridging the gap between child and adult. To give validity and direction to the event of becoming in a field of tension, content with formative value and formative sense must be chosen. Only when a pupil has the aim directedness, motivational power and utility value of the contents and can use them, can they influence his future life, attitudes and actions.

The formative quality of an area of reality is made visible to a child most easily by stating a problem. With the acceptance of the problem as a life task and challenge, the learning- and work-activities of a pupil acquire the impetus and direction needed. Where the demands of the contents now put a child under an imperative, he will try to find a solution himself with the hope that this will free him from his present embarrassment.

Unfortunately, some of the learning contents presented at school cannot always claim to be seen as life contents. This reduces the motivating power which possibly could emanate from such contents. In the more practical subjects, it then also is easier for a pupil to recognize the usefulness of the contents. This immediately increases a willingness to learn and an inner satisfaction.

Together, a teaching form will be directed to the presentation of case-related and near-to-life (local lore) contents. It is hoped that, through concrete examples, a child will arrive at a true view and mastery of a matter. Kopp^(34, 21) puts it beautifully when he says: "Im 'Bild' liege die Wahrheit, und das Kind gelange – wie der 'einfache Mann' im Schaudenken zur Wahrheit." However, there is a danger that teaching which uses vivid examples remains stuck such that a pupil never is helped to achieve a scientific (theoretical) mastery.

On the other hand, as with the Rationalists of the past there can be an attempt to find a way to the truth by purely rational thinking, via abstractions, comparisons and analyses. Today, however, there is little doubt among most pedagogues that such a logical chain of intellectual decisions and fantasy structures does not always provide valid findings. Furthermore, today the scope of reality and the world is so great that such a chronological ordering of contents without gaps no longer is possible and, at the same time, includes an overestimation of the possibilities and ingenuity of the human mind. Such a presentation forces a pupil to memorize meaningless structures and runs the danger of leading to a formal "art of conversation" without the essential "appeal" emanating from local lore or cultural contents. Today, a third possibility has arisen by which all existing and inherited knowledge structures are to be questioned. In truth, this can only be pursued by scientific

research. It cannot be “something” which has already been discovered or already exists.

Thus, each teacher must make sure that what he is going to present corresponds with reality itself. Kopp^(34, 79) wants the planning to be based on didactic-pedagogical guidelines (Aufbereitung), and indicate a businesslike orientation: “Was gelhert wird, muss sachlich rigting, also Wahr sien.”

The presentation of contents then must strive to consider pronouncements from both the past and present for its validity. We must not try to put a child back into a world of his forefathers because modern developments and technological inventions are part of his reality; many of the textbooks used in school are not one-sided exemplars of a classical past. Along with the problem of directedness to a matter, at the same time, we also come across the problem of elementalizing. Each teacher knows all to well how difficult it sometimes is for him to simplify a complex relationship of a matter so that it becomes understandable and meaningful for the level of becoming of a class without “losing” its essence. Areas of knowledge can only become potential learning contents when they can be made observable for a child and, thus, will address him in his current situation.

It remains an unchallengeable truth that “local lore” contents are easier to learn and, consequently, must provide the starting point for teaching for each state of becoming. Therefore, what still is precious and lasting in our culture and for our people must be chosen as formative contents. Because past, present and future remain an unbreakable unity, there cannot just be a living for the present as if yesterday and tomorrow are of no concern.

For a true view of and orientation to reality, there cannot be provision only for vivid experiences, abstract representations and formal book-knowledge.

The existence of an inner reality never can be denied. Inner reality, as something animate, must be distinguished from any “appearance” or “possibilities” because it offers a factually working reality to human experience. Here one thinks of examples such as

the love each person feels for his country, or the fear a fugitive feels when an enemy pursues him.

Finally, we must choose, order and present contents such that the fundamentals of a matter are unlocked. An important way to ensure that a child does not overlook the depth-dimension of a matter is to illustrate it to him with a simple example. However, exemplary teaching requires that pupils think and work together, otherwise the disclosure of a law or general principle will elude him. At the same time, the exemplary principle can contribute to lighten the [burden from the] abundance of learning material, and to counteracting the thoughtless inculcation of large amounts of factual knowledge which, on the other hand, necessarily would lead to a negative disposition, inner impoverishment, superficial or apparent [i.e., not real] knowledge, hidden aggression, anxiety and a total mental paralysis of a child.^(334, 83)

The possibilities of this exemplary theory, as a form of teaching, are so great that they are discussed more thoroughly in the last chapter.