

CHAPTER ONE

STATEMENT OF THE PROBLEM, AIM AND PLAN OF STUDY

1. INTRODUCTION

In the scientific literature, there are a large number of articles about the child written from many perspectives (psychology, pedagogics, didactics, anthropology, etc.) and that are focused on several aspects of the ways of being-a-child (e.g., the "development" of the child, the learning child, the school-age child, a medical-physiological approach to the child). Further, these descriptions often are applications of other sciences to the pedagogic. They sometimes attest to a child-centered approach (e.g., Dewey, Kirkpatrick), or they emphasize the measurement and testing of psychic functions as a way to learn to know the child. In addition, each of these approaches generally falls into one or another "-ism", e.g., empiricism, behaviorism, naturalism, psychologism.

The pedagogue who wants his knowledge of the child to be accountable asks questions such as the following: How accountable are these approaches? What is the point of departure for the advocates of these views? In terms of what categories is being-a-child disclosed?

Various attempts have been made to describe the child and his "development" in terms of **experience**, e.g., in pronouncements such as: Through his experiencing, a child develops (It is just this pronouncement that we, in the present study, will change to the question: How does a child become through his lived-experiences?).⁽¹⁾ In this way psychology is reduced to a science of experiences.

In the older as well as contemporary human science literature, there is great confusion regarding the concept "experiencing." The view of empiricism in contrast with that of Husserl clearly shows the extreme confusion and divergent meanings given to the concept of experience.

On the one hand, the empiricist concept of experience has a naturalistic tone. Influenced by Descartes' substantialistic

separation of **res extensa** and **res cogitans**, modern natural science oriented psychology views experience as the result of objective, physical processes within and outside of the body. Experience, in its broadest sense, includes all of the subject's reactions to the stimuli that influence him as well as the registration and interpretation of this "objective" reality. Thus, experiencing is interpreted in terms of a stimulus-response scheme.

On the other hand, Husserl's phenomenological view of **primordial experiencing** points to the subject's immediate experiences, to the primordial ways of being involved with the world coupled with his concepts **Lebenswelt** (life world) and **Erlebnis** (lived-experience). From this the question arises: is there a new category by which the phenomenon of being-a-child can be responsibly and fruitfully disclosed and described? The answer lies in Husserl's **concept of lived-experience** (Erlebnis).

In this study, an attempt is made to answer the question: what is lived-experience? It also will be shown how a child's becoming is actualized in terms of his lived-experiences.

As a justification for choosing the concept of lived-experience to disclose the phenomenon of being-a-child, several authors are cited who indicate that psychology is especially concerned with a person's lived-experiences. In this light, it is emphasized that the psychology of becoming, as psychological pedagogics, is concerned with the child's lived-experiences, life world and experiential world.

Langeveld,⁽²⁾ as well as Kouwer and Linschoten⁽³⁾ define psychology as the science that asks, among other things, about a person's lived-experiences, **what** and **how** he lived-experiences. Then, the task of the psychology of becoming, as psychological pedagogics, is to investigate what and how the child-in-education lived-experiences--that is, the modalities or ways of child lived-experiencing.

Lersch⁽⁴⁾ views psychology as the science of the multiplicity of states and occurrences of lived-experience: "the object of psychology is all lived-experiences initiated by a living being in interaction with his world."⁽⁵⁾

According to James,⁽⁶⁾ in psychology one can arrive at an adequate whole of interrelated findings only if one as frankly as possible tries to capture how things are lived-experienced.

Linschoten⁽⁷⁾ asserts that psychology aims to describe lived-experience and behavior in their essences. He also stresses the importance of the question of lived-experience.

Kockelmans⁽⁸⁾ says the task of phenomenological psychology is to systematically investigate the types and forms of intentional lived-experience and reduce these structures to a primary intention and in this way to clarify the essence of the psychic and ultimately to be able to understand the unique being of the psyche itself.

In light of the above, according to Kockelmans,⁽⁹⁾ the development of a phenomenological psychology has to satisfy the following preconditions and demands:

- (i) a description of the essential features of each intentional lived-experience;
- (ii) the clarification of the essential features and forms of the different kinds of lived-experiences;
- (iii) the clarification of the unique essence of the universal stream of consciousness as a whole;
- (iv) an investigation of the **ego** as the center of all lived-experiences and as a pole of all activities and potentialities of consciousness;
- (v) a description of the genesis of the life of the ego with respect to its universal and genetic [developmental] laws (genetic phenomenological psychology).

Consequently, in the present study, the intentional lived-experiences and the experiential world of the child-in-education, in his various ways of lived-experiencing are investigated; in other words, an essential viewing is made of the child as a lived-experiencing-I.

2. CLARIFICATION OF CONCEPTS

Confusion regarding the concept of experience was mentioned; it was noted that this terms often is given unacceptable connotations. Also, there is uncertainty about the concept of **lived-experience**. In contemporary phenomenological literature, these two concepts

are even used together, namely, as "lived-experienced experience"⁽¹⁰⁾ or "lived experience."⁽¹¹⁾ Also, the distinction between **life world** and **lived-experienced world*** (experiential world) is unclear, and the following is an attempt to accurately delimit these four concepts:

(a) Experience

Didacticians such as Perquin,⁽¹²⁾ Roth,⁽¹³⁾ Van der Stoep,⁽¹⁴⁾ Van Dyk,⁽¹⁵⁾ and Gous⁽¹⁶⁾ use the concept experience in the sense of life experiences that one acquires or masters;⁽¹⁷⁾ experience is a coming to know something that influences one's ways of behaving.⁽¹⁸⁾

Roth⁽¹⁹⁾ understands by experience the direct reaction on us of a transaction or event that changes our actions or lived-experiences whether the experience was unexpected or the result of tangible efforts. Experience is a learning activity when it puts us in a position to be more "adaptable" and allows progress to occur more meaningfully in future situations. Learning is "making use of" experiences;⁽²⁰⁾ hence, experience is viewed as "impressions" that direct our actions.⁽²¹⁾

Gous⁽²²⁾ refers to "lived-experiencing or experiencing reality" from which it can be deduced that he uses the two terms as synonyms. Entirely acceptable and congruent with the above view is Gous' description of experience as "the fullness of insights that result from the concrete actualization of living."⁽²³⁾ Etymologically, experience means "to get experience by traveling around to learn."⁽²⁴⁾ Thus, experiencing involves a shifting of one's horizon of experience as a "knowing what" and a "knowing why."⁽²⁶⁾ To experience (and thus to lived-experience reality) means **to be involved with reality.**⁽²⁷⁾

Although Gous does not clearly differentiate them, "to be involved with reality" is viewed as a mutual moment of lived-experiencing and of experiencing reality. This pronouncement is worthy of further consideration.

Also, from a phenomenological-psychological perspective, Linschoten's⁽²⁸⁾ use of experience agrees with the above, namely, in the sense of gaining experience. He explains that the things one

* Lived-experienced world is translated as experiential world.

experiences are a correlate of one's history of lived-experience.⁽²⁹⁾ "For the experience (of things) changes us and with this the experience of the things is changed. One who has experiences at his disposal has a history behind him that has changed his learning to see, think, **lived-experience**."⁽³⁰⁾ (My emphasis).

For Van Dyk⁽³¹⁾ acquiring experience is a category of learning. Also according to him, experience is an intervention with reality⁽³²⁾ and is the "lasting acquisition"⁽³³⁾ that arises from this--that which is retained by a person from what he has undergone.⁽³⁴⁾ The life world becomes structured out of experience.⁽³⁵⁾ Among other things, learning is the broadening of experience.⁽³⁶⁾ Perceiving, lived-experiencing and encountering constitute the interconnected structure of the totality of experience.⁽³⁷⁾ Van Dyk⁽³⁸⁾ also says the original meaning of "experience" points to a person's being-there in the world (as event) as well as to the acquisitions attained by him (as available experiential knowledge).

Finally, there is agreement with Sonnekus⁽³⁹⁾ when he indicates that in the current literature, the concept experience is used in very confusing ways and that generally there is no precise indication of what is understood by this concept.

Also, the present study is concerned with viewing experience as life world (Husserl). Further, the concepts **lived-experience** and **experiential world**) are chosen to indicate the essentials of what we wish to disclose.

(b) Lived-experience

From a psychological pedagogical perspective, Sonnekus⁽⁴⁰⁾ recent definition of **lived-experiencing** seems to us to be the most acceptable and useful. He offers the following summary: "Lived-experience is the intentionally determined, subjective, personal (pathic-normative) **taking a position** (attitude) by a person as a totality-in-function in his communication with reality."

Further, the following four moments unfold in the essence of lived-experience:

(i) Lived-experience is a human way of being; it is one of the categories of human openness; it is a way of giving meaning to the world;

- (ii) lived-experience is actualized on different levels which vary from pathic (affective) to gnostic (cognitive);
- (iii) human corporeality (bodiliness) is the center of lived-experience;
- (iv) lived-experience has a character of intentionality (it is a way of being directed [to something]) as well as of an act or action (it is an action that is actualized).⁽⁴¹⁾ Also, according to Linschoten,⁽⁴²⁾ lived-experience is meaningful only to the extent that it shows a **being-directed**.

Because it is necessary to describe this further, a formulation that flows from the above and that is viewed as **the moment of lived-experiencing** is the following: it is the moment of the subject's intentional going out to, concerned involvement with, participation in, taking a position toward and giving meaning to a particular reality.

Linschoten⁽⁴³⁾ views **lived-experience** as the general term for labeling all states of consciousness irrespective of their particular quality or cognitive function. Thus, e.g., sorrow, a sensation or taste such as sweet, a recollection, a decision, etc. all have something essential in common--they are particularizations of the common **fundamental form: lived-experience**. In a lived-experience there is someone who can say "I" and something in awareness that he can distinguish from himself.⁽⁴⁴⁾ Lived-experience should not only be described as **state** or **contents** but above all as **activity** and as a flowing stream, namely, the **stream of consciousness** or the **stream of lived-experience**.⁽⁴⁵⁾

Langeveld⁽⁴⁶⁾ indicates that with consciousness (lived-experience), **attunement**, as a subjective factor, is of great importance (compare Sonnekus' taking a position)--for him, lived-experience involves a total, tenacious, directed attunement.

Via the method of intentional analysis, Kockelmans⁽⁴⁷⁾ wants to investigate the primordial "**Erlebnisse**" (lived-experiences) of persons, their modes and functions of consciousness. Thus, he views lived-experiences as modes and functions of consciousness. In contrast, Lersch⁽⁴⁸⁾ does not consider lived-experience and consciousness to be identical. Lived-experience is a collective concept for everything that can be experienced in our psychic life. Lived-experience is not the result of causal-mechanistic influences from the external world but a living behavior, a conversation or

dialogue between the ensouled carrier of life and his "surrounding world."⁽⁴⁹⁾

Also for Landman⁽⁵⁰⁾ lived-experience refers to a dialogue that a person carries on with reality. He describes the relation between life and lived-experience as follows: the life of a person is disclosed in his lived-experiences. The connection between life and lived-experience is a direct relation between lived-experience and the totality of life. Moments of lived-experience thus are moments of life occurrences themselves, because here there is an inner connection and **meaning** that allows life to become tangible in its scope and strength. Because lived-experience is embedded in the totality of life, total life also is present in it. What holds as lived-experience thus is not something that only momentarily flows past in the stream of consciousness but it is the **meaningful** content experienced by a person that becomes his lasting possession. "All lived-experience is lived-experience of self and this fact contributes to its meaning. Lived-experience belongs to the unity of the self and thus is a non-exchangeable and irreplaceable relation to life itself," says Landman.⁽⁵¹⁾

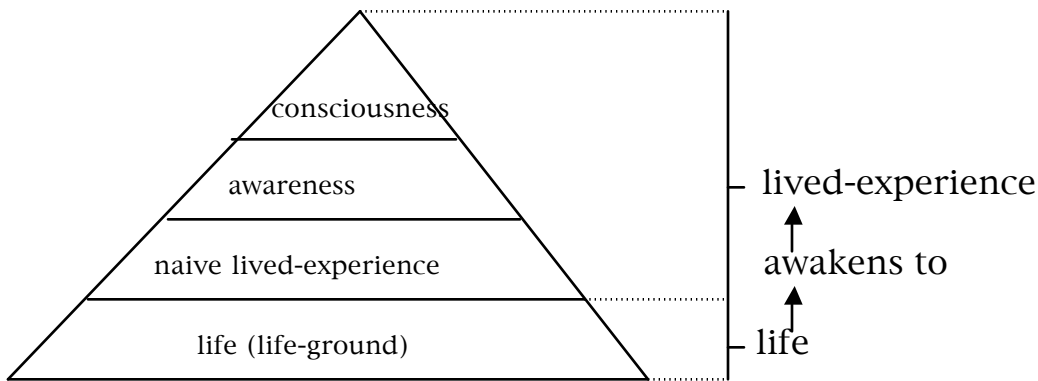
In this connection, Lersch⁽⁵²⁾ views life as a fore-stage of lived-experience; each lived-experience depends on life as its foundation; life awakens to lived-experience. He divides human existence into four steps, namely, life, naive lived-experience, awareness, consciousness. The latter three he distinguishes as the actual steps of lived-experience:

(i) **Naive lived-experience:** it exists in an image-impression and an immediately following action. It is a lived-experience before there is any differentiation of contents as belonging to I or **not-I**. The potentiality for such a differentiation arises when **language** is acquired. With language, lived-experience takes on the form of awareness. Thus, our relationship to the world is largely based on naive lived-experience. With the help of language a child can distance himself from this naive lived-experiencing. However, one does not become aware of all naive lived-experiences;

(ii) **Awareness:** here there is mention of explicitation by which [naive] lived-experiencing and the lived-experienced awareness are determined to be this or that;

(iii) **Consciousness:** by means of reflective lived-experience, the I evaluates his lived-experiences. Here there is mention of perceiving, thinking, imagining, ordering, reflecting; what is and has been lived-experienced are reflected on and evaluated.

Here **distinctions** are only made among these steps that Lersch represents as a pyramid in order to show that each has a broader base than the following one(s) and that each rests on the previous one(s):



Lersch⁽⁵³⁾ distinguishes further between naive lived-experiencing as an involuntary, pathic turning to (pathic lived-experiencing or sensing), and consciousness as a voluntary, consciously purposeful attentiveness (gnostic/cognitive lived-experience or [attending and] perceiving).

Lived-experience is not only giving meaning to the world but also it is lived-experiencing meaning. According to Sonnekus,⁽⁵⁴⁾ lived experience is always the lived-experience of meaning. Landman⁽⁵⁵⁾ addresses this matter as follows: The subject's "lived-experiences are relationships and appreciative attitudes toward the meaningful and valuable emanating from life reality."

Van Dyk⁽⁵⁶⁾ puts the concepts of **experience** and **lived-experience** in a didactic perspective. He distinguished between these two concepts and considers the first to be the more comprehensive.⁽⁵⁷⁾ Lived-experience, then, is one of the forms of experience.⁽⁵⁸⁾ According to him⁽⁵⁹⁾ all lived-experience includes experience but all experience is not necessarily lived-experience. In addition, he views lived-experience as follows: "For a real idea of lived-experience, one must look for connections with actualities that

already have emotional meaning for the person or a power of appeal that touches the affective"⁽⁶⁰⁾--thus, what in the present study is referred to as **pathic/affective lived-experience** (see the description by Sonnekus). In addition, **experience** refers to an objective attitude toward reality, and when experience takes on a subjective character, there is mention of lived-experience.⁽⁶¹⁾ Thus, what we generally view as gnostic/cognitive lived-experience (see the description by Sonnekus) Van Dyk refers to as **experience**.

In addition, Van Dyk⁽⁶²⁾ sets out two possible fundamental attitudes regarding a person's entry into the surrounding world (concerned involvement with reality):

- (i) A cooler, knowing attitude (gnostic/cognitive); distancing, matter-of-fact and objectifying of the object;
- (ii) a greater self-involvement in reality; i.e., an emotional (pathic/affective) attitude: lived-experience.

According to him, even though lived-experience and distancing can alternate with each other, lived-experience is first mentioned when distancing is discontinued. Van Dyk says that lived-experiences are the near-to-world experiences and are strongly emotion-laden views of reality. However, the writer cannot agree with the assertion that lived-experience can only occur when distancing ceases. In the act of distancing, as gnostic/cognitive act, there also is mention of pathic/affective lived-experience; i.e., a person's distancing also is emotional. (In this connection, read further in Chapter 2). On the other hand, all (pathic/affective) lived-experience includes knowing moments. Knowing ("experiencing") does not cease when distancing stops or when lived-experience is predominantly pathically/affectively actualized. Also, according to Linschoten⁽⁶³⁾ lived-experience (**all** lived-experience) is **cognitive**; it has the function of knowing. In addition, Straus⁽⁶⁴⁾ refers to the fact that there never is only a gnostic or a pathic moment. The pathic/affective is a typical characteristic of primordial experience and cannot be limited to particular stages of experience.⁽⁶⁵⁾ The gnostic moment unfolds the **what** of the object; the pathic moment unfolds the **how** of the given being, according to Straus.⁽⁶⁶⁾

The preceding is summarized by describing lived-experience as a person's way of being aware of something, as a stream of consciousness, but then being aware implies the following: being

aware of reality that then necessarily means being intentionally directed to reality, which again, in its turn, includes giving meaning,* taking a position, lived-experiencing meaning; being-aware as state, as content, as activity; lived-experience is a concerned involvement with reality; it is contact with, dialogue with, attitude toward, and relationship to reality. Lived-experience is being with things. It includes pathic/affective, gnostic/cognitive and normative moments. Thus, it involves a change in the subject from merely being to being-aware, from merely living to lived-experiencing.

As a **fundamental form** and **collective concept**, **lived-experience** can briefly be described as **the personal (pathic/affective, gnostic/cognitive, normative), intentional (meaning giving, meaning receiving, taking a position), continuous activity of being-aware of reality.**

Lived-experience is **emotional knowing** (with **pathic-agnostic** lived-experience, the emphasis is more on the emotional; in moments of **gnostic-pathic** lived-experience, knowing is emphasized more). Also, for Langeveld (**Ontwikkelingspsychologie**, p. 59) knowing involves the child's lived-experienced relationship with the world. This knowing to a greater or lesser degree has emotional meaning for the child.

The following is a schematic synthesis of the previous line of thought regarding the concept of lived-experience:

**Phenomenological category structure:
psychic life, fundamental psychic phenomena and
fundamental psychic form**

All states of consciousness, all psychic life, all conscious life, all mental facts (for example, sorrow, sense of taste such as sweet, a remembrance, a decision, an impression, images, choice, judgment, knowing, learning, etc.)

are reduced to

two fundamental psychic phenomena, fundamental relationships, fundamental positions, fundamental directedness, namely, **feelings** (pathic/affective lived-experience) and **thoughts** (gnostic/cognitive lived-experience)

are reduced to

* Compare Husserl's pronouncement: Intentionality is essentially an act of giving meaning.

a general term, collective concept, collective fundamental form, namely, **lived-experience** state, content, (activity), (awareness), (consciousness), (emotional knowing), (conscious living through).

Lived-experience = the main theme of psychology.

Lived-experience of the child-in-education = the main theme of psychological pedagogics.

Lived-experience = the fundamental intentionality, the primary intention.

The concept lived-experience = fundamental category.

(c) Life world:

In terms of Husserl's description of his concept "**Lebenswelt**," there is clarity in the phenomenological literature about what this concept means. The life world is the open, wider-encircling, ever moving **horizon** or **landscape** of knowledge, familiarity, certainty and constancy; it is the primordial ground for one's own life. Heidegger⁽⁶⁷⁾ views the life world as the **horizon of intelligibility**. Sonnekus⁽⁶⁸⁾ description points to the ways the life world is established: the life world is "the world that is intentionally established and constituted by each subject."

A person's life world arises through his lived-experience of reality, now viewed as lived-experienced or experiential world (see further on). In this connection, Landman⁽⁶⁹⁾ describes the life world as potential experiential world.

(d) Experiential world

The author adds the following to Sonnekus⁽⁷⁰⁾ pronouncement: At the moment of lived-experience, as a moment of giving meaning and taking a position, there is involvement with the experiential world--the total life world can never be lived-experienced all at once. Thus, the experiential world is a **momentary landscape**. Lived-experience is lived-experiencing something⁽⁷¹⁾ and this **something** is the experiential world, or, in other words, **the larger or smaller slice of reality that I lived-experience as an indeterminate magnitude**,⁽⁷²⁾ thus, it is that to which I take a position and to which I give meaning. It is the total unity of lived-experienced state, content and activity. The experiential world is the "essence of the child's **lived-experiences** or, in other words ... the ways the child gives meaning to his life world."⁽⁷³⁾

Sonnekus⁽⁷⁴⁾ states it as follows: "By giving and lived-experiencing meaning, the child creates an experiential world as a momentary

slice of his life world that always must be viewed as potential experiential world."

Where the life world is the horizon of familiarity, we can describe the **experiential world as the continually changing, continuous, total reality that the person (I-unity) in a particular moment (as lived-experienced moment) is intentionally involved (as lived-experienced reality), to which he gives meaning within this horizon.** For example, if a child lived-experiences a difficult learning task, then this learning task (learning world) is an experiential world; that is, it is a reality in which he **feels** like a misfit (pathic/affective lived-experience) and in which he is **aware of** his impotence (gnostic/cognitive lived-experience). Bodily lived-experiencing, e.g., of a child's physical handicap, means: the body is an experiential world, it is a reality about which he **feels** rejection and **knows** his own defect.

Thus, the experiential world is the momentarily lived-experienced world, what in contemporary psychology is called the field of awareness,⁽⁷⁵⁾ or, according to Linschoten:⁽⁷⁶⁾ The experiential world is that reality which is reflected in the person at the moment of lived-experiencing. Consequently, the experiential world is the object of lived-experiencing. It is the continuous structurings actualized by the stream of lived-experience.⁽⁷⁷⁾ The experiential world is what is offered to him as a world lived-through, namely, the situation (as an order of meanings), or more accurately expressed it is the lived-experienced aspect of the situation that we **are in**, not as this objectively is (as quantifiable) but as it is lived. Namely, the situation is constituted by activity, by the intentional giving of meaning; this intentional giving of meaning, as taking a position, is lived-experience.

Finally, the experiential world can be described as the complex structure of moments of lived-experience that embraces other moments such as sensing, perceiving, feeling and bodily lived-experiences.

3. THE LIFE WORLD AND EXPERIENTIAL WORLD AS POINTS OF DEPARTURE FOR EXPLORING THE CHILD

In the following, reference is made to the close connection, to the dialectic relationship between the world of our lived-experiences (experiential world) and the lived-experiencing person (child).

There is no experiential world without a subject and no subject without an experiential world. Being human is consciousness (lived-experience) and, therefore, is not to be thought of apart from the experiential world. Lived-experience (consciousness-of-something) is our directedness to the world. Lived-experience is existence, and consciousness (as lived-experience) is being-directed-to-something (intentionality).

From a phenomenological point of view, it is the personal, unique world, as life world and as experiential world, that must be explored if we are to disclose the phenomenon of child-being-in-the-world. Because of the inner mystery⁽⁷⁸⁾ of child existence, we cannot completely learn to know a child in his uniqueness and totality. Thus, our exploration results only in a partial and always provisional disclosure.

Van den Berg's⁽⁷⁹⁾ striking pronouncement serves as an essential point of departure for us: "Who wants to become acquainted with a person should listen to the language spoken by the things in his existence. Who wants to describe a person should analyze the 'landscape' within which he demonstrates, explains and reveals himself." In the present reflection, **landscape** is viewed as the intentionally structured totality of the personal world of the child that, on the one hand, is viewed as the **horizon of certainties** (life world) and, on the other hand, as a **momentary landscape** (experiential world). It is this total personal landscape that is the basis for exploring the child. In other words, we disclose the essentials of that reality with which the child continually enters into dialogue and which he then lived-experiences as an encountered reality.

4. LIVED-EXPERIENCE AS FUNDAMENTAL ANTHROPOLOGICAL CATEGORY IN THE LIFE WORLD OF THE CHILD

(a) Lived-experience as anthropological category

It was already indicated that lived-experience means being-conscious of something as the intentional taking a position toward reality--in addition, it was noted that lived-experience is a way of giving and lived-experiencing meaning, all of which are actualized on different levels or moments (pathic/affective, gnostic/cognitive, normative).

When **lived-experience** is described as an anthropological **category** in the life world of the child, this means: Lived-experience is an expressing or verbalizing by which some essentials of the life world become manifest; i.e., without lived-experience [as a category], the life world is not possible or understandable; without lived-experience, the life world cannot be thought. It is through the child's innumerable lived-experiences of reality (experiential world) that his own, unique life world arises. A disclosure of the child's experiential world therefore implies a coming to know **what** he lived-experiences and **how** he lived-experiences his world.

(b) Lived-experience as becoming

Lived-experience also is a category of becoming; i.e., it is a term [category] that discloses something essential of child becoming. A child's becoming is not possible without lived-experiencing. Each moment of lived-experiencing is a moment of becoming; i.e., each moment of adopting a meaning-giving position shifts the child's horizon of familiarity; for the child, each moment of lived-experience is a becoming different and self-becoming; no moment of lived-experience leaves the child untouched; in fact, a child is someone who himself wants to lived-experience.

Sonnekus⁽⁸⁰⁾ refers to child lived-experiences as the ways in which his becoming flourishes. Because the child actively and lived-experiencingly goes out to the world, he contributes to his own becoming: "The child is actively and lived-experiencingly busy becoming in the direction of the adults to whom he turns for support. It also follows that in becoming, the child's activities and lived-experiences, as participation in being and meaning, are the essential foundation for his going out to the world as a learning child," says Sonnekus.⁽⁸¹⁾

Child openness and incompleteness make his becoming possible, but they also place him in a position for continually new lived-experiences. Thus, lived-experience also is a way of being that is given with being a person.

In terms of Landman's⁽⁸²⁾ exposition, it also can be said that lived-experience means an elevation in the form of the child's dialogue as an elevation in level. Just as dialogue elevation--continually on another level--implies that a particular level of dialogue is reached, is then mastered and proceeds to a new, different level of

dialogue,⁽⁸³⁾ such that in the course of the child's becoming the level of lived-experience continually is raised to a higher level; a particular level of taking a position is reached and then mastered in order to proceed to a new, different level of lived-experience. That is, the child's intentional taking a (meaning giving) position occurs on continually higher levels and, with this, his understanding of reality is qualitatively broadened and elevated. Landman⁽⁸⁴⁾ describes this as "a continual becoming of new meaningful possibilities, of new value-actualizing-tasks."

Just as a child participates in reality by giving meaning, by acquiring different possibilities of dialogue (with reality), and by constituting new possibilities of becoming, so each lived-experience creates the possibility for new and different lived-experiences. A child's lived-experiencing (taking a position) occurs mainly in terms of the sense and meaning he has already given to his world.

If the child's becoming is described in terms of the actualization of potentialities, and if lived-experience is a category of becoming, lived-experience is now viewed in terms of **actualizing or freeing the child's potentialities of lived-experience**. Each potentiality of lived-experience that is actualized again creates new possibilities that, in their turn, can and must be actualized. The child's "lived-experiences move him and create new possibilities for future lived-experiences," says Landman.⁽⁸⁵⁾

Thus, the child must actualize his potentialities in order to distance himself from pathic/affective to gnostic/cognitive lived-experiencing; here actualizing intelligence especially means lived-experiencing on a gnostic/cognitive level (thinking, systematizing, structuring, etc.). Also, for Sonnekus⁽⁸⁶⁾ this involves the actualization of the child's becoming in terms of different lived-experiences.

Lived-experience, becoming, dialogue elevation and actualization of potentialities of lived-experience should be viewed as a unitary event in the child's flourishing.

(c) Anthropological categories of becoming in the experiential world of the child

The concern here is with four irreducible fundamental phenomena of being-a-child, namely, bodiliness, sensory lived-experiences,

lived-movement and lived-spatiality. In the following sections, these four categories will be viewed as anthropological categories of becoming, and it will be indicated how a child's becoming is actualized, among other ways, on the basis of these four modes of lived experience:

(i) **Bodiliness as center of lived-experience**

The assertion that bodiliness (corporeality) is the center of all lived-experience certainly is one of the most essential pronouncements that can be made regarding the human body. In this connection, the present reflection occurs in light of the expositions of De Waelhens⁽⁸⁷⁾, Sonnekus⁽⁸⁸⁾ and Linschoten.⁽⁸⁹⁾

Foremost is the fact that the human body is a **medium of existence**. In addition, it will be shown that, on the one hand, **the body is the center of lived-experience (bodiliness as the center of lived-experienced reality)** and, on the other hand, that the body is **experienced bodiliness or corporeality (bodiliness is the center of reality that I lived-experience)**, that is, viewing the **body itself as lived-experienced reality**, after which there will be brief reference to the concept of **bodily lived-experience**.

The body as medium of existence means my permanent possibility of going out toward objects.⁽⁹⁰⁾ Giving meaning (as an existential act) in a particular direction is pre-determined by the inescapable reality of the body. Bodily reality is primordial reality.⁽⁹¹⁾ A person is bodily, corporeal presence in the world. Inhabiting, contacting, lived-experiencing (thus existing) occur via the body.⁽⁹²⁾ Also, the pronouncement of bodiliness as openness, as intentionality, as subject (body-subject) and as existence holds for the becoming child.⁽⁹³⁾

Concerning bodiliness as center of lived-experience, De Waelhens⁽⁹⁴⁾ holds the following view: For each person, on all levels of lived-experience, it is impossible to escape the necessity of a perspective. This perspective is the person's engaged subjectivity, his body. Being-in-the-world (Dasein, being a person) implies that everything existing is viewed from a primordial and irreducible point of view or absolute center of global reference--my body. Even two activities that can be distinguished from each other, such as looking and touching, refer to a shared point of origin--my body. The body is

"the system of systems."⁽⁹⁵⁾ We can be engaged in the world only through the perspective of our own body, so says De Waelhens.⁽⁹⁶⁾

According to Linschoten⁽⁹⁷⁾ reality for us is that with which our bodies are involved; our own reality, the feeling of our own life and existence coincide with the experience of our own bodiliness. When consciousness is directed to objects (lived-experienced objects), then intentionality is founded in bodiliness.⁽⁹⁸⁾ Lived-experience does not refer beyond itself to a transcendental subject or a substantial soul; lived-experience refers back to the body.⁽⁹⁹⁾ The core of lived-experience thus is one's own body. Our body is always at the center of our lived-experienced world--at the center of seeing, of acting, of interests. "Here" is where the body is; "now" is when the body acts; "this" is what the body handles.⁽¹⁰⁰⁾ Reality becomes ordered with reference to a center of activity and interest that resides in the body; thus, the body is the core of a situation, it is the center of ordering and acting, according to Linschoten.⁽¹⁰¹⁾

The following statement by Sonnekus⁽¹⁰²⁾ adequately summarizes this aspect: Human bodiliness is the center out of which the different modes of being (of lived-experiences) flow; it is the center of acts of sensing, perceiving, imagining, thinking, etc.--thus, it is the center of a person's entire affective-cognitive going out to the world.

Third, bodiliness involves bodily lived-experiencing, viewing the body as a lived-reality. Linschoten⁽¹⁰³⁾ asks in this connection: "But what is this unique reality other than our bodiliness?" For Linschoten, there is an essential connection between "life" (lewe) and "body" (lyf): he views the life world as that world, that order of reality in which we live through our bodies.⁽¹⁰⁴⁾ Further, our existence is the bodily existence of a vulnerable person bound to space and time.⁽¹⁰⁵⁾

Also, Straus⁽¹⁰⁶⁾ refers to the I-totality that is experienced as body, and he shows further that the "I" of the awake, active person is located between the **eyes**. He also emphasizes the fact of both pathic/affective and gnostic/cognitive moments in lived-experiencing the body.⁽¹⁰⁷⁾

Further, in Sonnekus'⁽¹⁰⁸⁾ view, understanding a person as a body-subject also means that he does not merely **have** a body; he **is** body. The body as lived-bodiliness is always an intentional subject;

i.e., bodily participation in reality is always intentionally directed (my participation). It can be added that your lived-experience of your body is your lived-experience of yourself and vice versa.

The child's existence via the body as medium, his lived-experiences of reality from the body as center, as well as bodily lived-experience all are anthropological categories of becoming; i.e., through these occurrences, the child's becoming is actualized. Bodiliness, then, can also be viewed as the center of becoming, as a medium for becoming. Without being bodily present in the world, a person cannot become.

(ii) Sensory lived-experience

From a biological perspective, sensory experience certainly can be described in terms of physiological and physical processes, e.g., the sense of sight where this involves the lens of the eye, wave lengths, images on the retina, the optic nerve, visual impressions, etc. A child's defective sensory "abilities" can be described in terms of the above-mentioned terminology. This, however, has to do merely with the sense organs and not with "acquiring experience"; through the sensory life we come into contact with the world around us:⁽¹⁰⁹⁾

"according to our frame of mind, the world seems different to us. Our lived-experience remains, as it were, in the world around us, and it is through our sense organs that we are able to lived-experience. Our sense organs are **means of communicating** with our world."⁽¹¹⁰⁾

From a phenomenological-pedagogic perspective, sensory lived-experience is viewed as an anthropological category of becoming. Through the sense organs, the child is able to lived-experience his world, to communicate with reality by which his becoming is actualized; this involves sensory lived-experiences as "modes of being in the experiential world of the child;"⁽¹¹¹⁾ also, sensory lived-experiences are ways in which the child's becoming flourishes.⁽¹¹²⁾

Thus, "impressions" acquired by the senses are not emphasized here: seeing, hearing, smelling, tasting, kinesthetic sensing, sensing equilibrium, sensing muscles (sensory organs of moving, behaving), sensing vibrations. In our reflection, sensory lived-experiences are viewed as personal, intentional (thus also meaning giving), position taking acts of becoming or ways of being, namely, seeing, hearing,

tasting, smelling, touching, seizing, reaching, pointing, lived-experiences of equilibrium, of moving (see below), of behaving, of vibrating. The question then also is how the child lived-experiences the reality with which he comes into contact via the senses.⁽¹¹³⁾

According to Bigot⁽¹¹⁴⁾ this reality is **translated** by the child's psyche (Different from Linschoten's⁽¹¹⁵⁾ "translation" of reality). We view this translation as an event where a position is taken toward reality as it **is**; i.e., by giving sense and meaning, reality is changed into lived-reality or an experiential world; being is translated into sense and meaning, reality is changed into lived-reality or an experiential world; the world is translated into an experiential world; being is translated into meaning. In this sense, **translation** also is a category of becoming.

Bigot⁽¹¹⁶⁾ also gives helpful examples of such moments of translation: a path walked for the first time is lived-experienced as longer, a building entered for the first time is lived-experienced as larger. The same street, house, etc. will be lived-experienced by the child as longer, larger, etc. compared with the adult's lived-experiences of them. The same geometric figure, influenced by different adjacent figures, will be perceived (lived-experienced) differently.

Although sensory lived-experience can occur in a moment via several sense organs, attention is called to the unity of all sensory lived-experience, to the "teamwork"⁽¹¹⁷⁾ of the different sense organs. Evidence of this, for example, is the fact that in hearing sounds, one sometimes also lived-experiences visual impressions.

The following can also be stated with respect to Bigot's⁽¹¹⁸⁾ exposition: **Seeing** is primarily a lived-experiencing-in-space; **hearing** (e.g., a melody, a conversation) is predominantly a lived-experience-in-time. **Hearing** is more disposed to pathic/affective lived-experiencing; e.g., music is arousing or tranquil, a murmuring, a cheerful voice, a gloomy sound. Also, according to Straus⁽¹¹⁹⁾ the pathic is dominant in **hearing**; with **perceiving**, the gnostic is dominant; and with **touch**, the pathic; Sonnekus⁽¹²⁰⁾ adds that because **hearing** means a lived-experience-in-time, it also is a lived-experience-in-history. Hearing refers to the past and also to the future. Bollinger⁽¹²¹⁾ refers especially to the fact that because hearing is a lived-experience-in-time, it is a basic foundation of **becoming** since becoming means becoming-in-time.

In summary, the moments of perceiving, hearing, tasting, smelling, etc., as sensory moments of lived-experience, also can be considered to be moments of becoming.

(iii) Movement and lived-experience

Instead of the view that human movement is a reaction to stimuli (compare classical behaviorism), or a "process" in the "body machine" (Descartes⁽¹²²⁾), in a phenomenological disclosure, the concern is with lived-experienced or lived-movement as a way of being,⁽¹²³⁾ and with a view of movement as a spiritually activated, goal-directed activity.

In reflecting on lived-experienced movement, the close connection among lived-bodiliness, sensory lived-experience, lived-space, lived-experienced movement and lived-experienced time becomes clear (which will not be considered in detail). Lived-movement is always movement of the body,⁽¹²⁴⁾ a mode of being where both are actualized in space and time.⁽¹²⁵⁾ Thus, the body is the center of the sensory lived-experience of movement, of lived-movement and of lived-space. Through his sensory lived-experiences, the child becomes spatially oriented (see below). Sonnekus⁽¹²⁶⁾ stresses this connectedness when he states that the categories of lived-bodiliness, lived-movement, lived-space and temporality must not be viewed apart from each other but rather as categories forming a unity: "The child is thus, in his **bodily** movements, his lived-experienced spatiality and temporality, involved in the world. Also, he distances and differentiates himself as a totality-in-communication by means of his lived-bodiliness, lived-movements, lived-spatiality and lived-time in his becoming in the world," thus says Sonnekus.⁽¹²⁷⁾

Straus⁽¹²⁸⁾ provides an outstanding discussion of the idea of lived-movement as an anthropological category of becoming. According to him, lived-movement in itself is change, i.e., becoming. Through movement, the child changes, he **becomes** different. A child is someone who wants to be someone himself,⁽¹²⁹⁾ but he also is someone willing to move himself. "Willing to move oneself" is possible only for a becoming subject.⁽¹³⁰⁾ We transform ourselves from one moment to another, we move from one place to another in the continuity of becoming. In this way the fulfillment and completion that we always need, as an incomplete totality, occur. The subject of lived-movement is a subject in continual becoming, says Straus.⁽¹³¹⁾

In his phenomenological disclosure of spontaneous movement, Minkowski⁽¹³²⁾ distinguishes the following: lived, spontaneous movement begins by itself; it is addressed directly to the other; it goes from an interiority to the other. Freely willed (purposeful) movement, in contrast, has its origin in an act of willing. The child's becoming cannot occur without the other; also this spontaneous, lived-movement, as a directed going to the other clearly is an anthropological category of becoming.

Also, Sonnekus⁽¹³³⁾ describes lived-movement as a way of becoming and his view is summarized as follows: Lived-movement stands "in the closest relation...to child **becoming**. The child **becomes** because his own lived-movement changes, and all movement finds the child becoming both temporally and spatially."⁽¹³⁴⁾

(iv) Spatiality

Here the concern is with lived-space⁽¹³⁵⁾ "in contrast to mathematical or geometric space."⁽¹³⁶⁾

Straus⁽¹³⁷⁾ asks whether spatiality differs with respect to different sensory lived-experiences, e.g., the optical and acoustic, and if there are corresponding differences in motor activity and perceiving. He concludes that the lived-experience of space does not occur merely via particular sense organs; e.g., spatiality appears to us in different modes.

Sonnekus⁽¹³⁸⁾ reflects on space as an anthropological category of becoming in terms of the principle of security (Langeveld); for him, this has to do with a secure space. He indicates that the lived-experience of space can occur on pathic/affective and gnostic/cognitive levels. A person designs a life space for himself in intentional ways as an ever moving spatial horizon; as a place of protection, security, peace--thus, a secure living space or secure space as a pathic/affective matter. Depending on the child's pathic emotionality, life space can change, e.g., to an insecure, tense space or a threatening space full of anxiety. It is precisely in his secure lived-experience of spatiality that the child distances himself from the pathic/affective to the gnostic/cognitive. Therefore, a child has a need for a secure space, according to Sonnekus.⁽¹³⁹⁾

Van Weelden's⁽¹⁴⁰⁾ views regarding the lived-experience of space also are noted here. According to him, a person's space receptors put him in a position to lived-experience spatial relationships in reality. From these space receptors, the sense organs pass on "information" to the person with the highest gnostic/cognitive meaning--gnostic/cognitive lived-experience, (we have already indicated that **seeing** primarily is a lived-experience-in-space, and that with **looking**, the gnostic/cognitive is dominant). In addition, a person lives space not as something that lies outside of him but rather as possibility of movement. For a person, space is lived-experiencable through the presence of things and through movement or the possibilities of moving his body. Through the space a person occupies regarding things and that things occupy with reference to each other, there arises a structure by which a person can orient and move himself in space. It is the things and one's own movement that space "signifies" to a person. i.e., that gives him spatially oriented being. As little as a person can lived-experience empty space--thus a space without objects--just as little can one lived-experience space without movement. It is only in moving that a person changes, "gauges," and lived-experiences space, says Van Weelden.⁽¹⁴¹⁾

Regarding life- or lived-space as an anthropological category of becoming, Sonnekus⁽¹⁴²⁾ indicates that "life-space as lived-space has an invaluable significance for the child in his becoming."

(d) The experiential world of the child

(i) Phenomenological problematic

Against the above background, this section is concerned with a clarification of the situatedness of the **child who lived-experiences**, as he shows himself to us ontologically (in reality), and the problematic of disclosing the child in his full totality of lived-experienced human existence, in his situatedness, as a child in relation to the world. The phenomenologist must learn to know the **essentials** of the child's **lived-experiences**, i.e., the child's **experiential world: what** he lived-experiences (gnostic/cognitive); and **how** he lived-experiences this (pathic/affective). In addition, the aim is to uncover and unveil child lived-experiences as modes and categories of becoming; more specifically: how the child's becoming is actualized via bodily, sensory, pathic/affective, gnostic/cognitive lived-experiences, the

lived-experience of movement and of space, and normative lived-experience. Also, we want to know if there are deficient lived-experiences and thus a restrained becoming.

What is viewed as problematic in the life world and experiential world of the child will be the pedagogue's particular problematic and task regarding the child. More clearly stated:

(ii) **Psychological-pedagogical problematic**

If we are not to misunderstand the child in his child-being and educability, we must put our task with respect to the child, his lived-experiences and his becoming in a clearly psychological pedagogical perspective.

A child finds himself in a pedagogic situation as a child-adult relationship and as an existential-human relationship. This involves the problematic for the pedagogue that is brought about by this pedagogic situatedness as well as by the child's particular life world and experiential world--thus, the concern is with the **destination** (adulthood) the child must attain via lived-experiences in the course of his becoming.

According to Landman⁽¹⁴³⁾ this can be formulated as the following pedagogic question: **How must the understanding educator**, as authoritative, trusting person and representative of the norm-image of adulthood, by his associations and encounters with the authority-questioning child who is potentiality-in-becoming, someone who himself ought to be, and to whom the educator is committed, **support the child in his lived-experiences and experiential world** so that he progressively can be judged as an adult?

In addition, an answer must be sought for the following question: What is the pedagogic meaning and implication of child lived-experience as a category of becoming? Because an open person image of the child is held, rather than a search for a final answer to the above question, the child image and lived-experienced image obtained from the child are always viewed as provisional.

Because the psychic-spiritual becoming of the child cannot occur without pedagogic intervention, the concern here is with a psychological-pedagogical (or a psychology of becoming)

orientation. Knowledge of the child's lived-experiences and experiential world are of great importance to the pedagogue.

A psychology of becoming orientation implies that the pedagogue will determine his own pedagogic tasks with respect to the becoming child. This means reflecting on and investigating the psychic phenomena for the purpose of contributing to a better **understanding** of the entire child-image. That is, orientation is a search for knowledge about the child as becoming-adult, a study of the realities regarding the child and his growing up, and thus also about his lived-experiences and experiential world. It is concerned with the event of becoming and, more specifically, the psychic aspects of this event, or, in other words, **lived-experienced moments as psychic moments in the pedagogic situation**. Thus, the child's experiential world is viewed from a psychological pedagogic or psychology of becoming perspective in terms of possibilities of applying such perspectives to the child's pedagogic situation. This requires a scientific interpretation and description of the dialogue the child carries on with his world based on a phenomenological psychology of becoming; more specifically, this requires a disclosure of the **phenomenon of lived-experience**.

The psychology of becoming is that psychology which discloses the categories of a child's becoming and which also includes the psychology of movement,⁽¹⁴⁴⁾ of lived-experienced bodiliness, of spatiality, of sensory lived-experience, etc.

5. THE AIM OF THE STUDY

The aim of this study is to disclose the phenomenon of child lived-experience from a psychological pedagogic perspective. More particularly, it is the author's aim to investigate and describe some essential aspects of this phenomenon, namely, lived-experience as a category of becoming, the matter of pathic/affective, gnostic/cognitive and normative moments of lived-experience, the nature of the stream of lived-experience, modalities of lived-experience and the criteria for evaluating child lived-experience. Finally, the author will place the matter of child lived-experience in a pedagogic, psychological pedagogic, orthopedagogic, didactic and orthodidactic perspective.

6. PROGRAM OF THE STUDY

The remaining parts of this study are:

In chapter 2 some psychological pedagogical aspects of the phenomenon of lived-experience are reflected on;

Chapter 3 offers a sketch, organization and elaboration of some psychological pedagogical criteria for evaluating a child's lived-experiences;

In chapter 4, some examples of aspects of child lived-experiences are described;

Finally, chapter 5 offers a review of and perspective on the psychological pedagogic, pedagogic, orthopedagogic, didactic and orthodidactic implications stemming from the present study.

VERWYSINGS *Referencias, Cit.*

1. Sonckkus, M. C. H.: Die Leerwêreld van die kind as Bekwenswêreld, p. 24.
2. Langprecht, M. J.: Pedagogiese Psychologie van die Middellare Schoolleertijd, p. 2.
3. Kowert, B. J. en Linschoten, J.: Inleiding tot de Psychologie, p. 14.
4. Lersch, F.: Allgemeine psychologie, p. 619.
5. Lersch, F.: s.w. p. 50.
6. Jaars, W.: aanspraak deur Linschoten, J.: Op Weg naar een fenomenologische Psychologie, p. 42.
7. Linschoten, J.: s.w. p. 43 en 44.
8. Koekelmann, J. J. G. A.: Die fenomenologische Psychologie volgens Husserl, p. 140.
9. Koekelmann, J. J. G. A.: s.w. p. 144.
10. Koekelmann, J. J. G. A.: s.w. p. 104.
11. a. Strauss, E. W.: Phenomenological Psychology - Selected Papers, p. 4.
b. De Wachters, A.: The Phenomenology of the Body, p. 158.
12. Perquin, N.: Didactiek, p. 42.
13. Roth, H.: Leerspsychologie is pedagogisch Perspectief, p. 19.
14. Van der Stoep, F. in: Van der Stoep, F. en O.: Didaktiese Oriëntasie, p. 187.
15. Van Dyk, C. J.: Vanaf Vorming (Bildung) tot eksamenplase Onderrig en Leer - 'n didaktiespedagogiese Strukturering, p. 49.
16. Goss, S. J. in Landman, W. A. en Goss, S. J.: Inleiding tot die fundamentele Pedagogiek, p. 84.
17. Van Dyk, C. J.: s.w. p. 64.
18. Perquin, N.: s.w. p. 42.
19. Roth, H.: s.w. p. 19.
20. Ibid.
21. Roth, H.: s.w. p. 20.
22. Goss, S. J.: s.w. p. 83.
23. Ibid.
24. Goss, S. J.: s.w. p. 85.
25. Ibid.
26. Ibid.
27. Goss, S. J.: s.w. p. 87.
28. Linschoten, J.: s.w. p. 51.
29. Linschoten, J.: s.w. p. 50.
30. Ibid.
31. Van Dyk, C. J.: s.w.
32. Van Dyk, C. J.: s.w. p. 65.
33. Ibid.
34. Van Dyk, C. J.: s.w. p. 73.
35. Van Dyk, C. J.: s.w. p. 68.
36. Van Dyk, C. J.: s.w. p. 50.
37. Van Dyk, C. J.: s.w. p. 49.
38. Van Dyk, C. J.: s.w. p. 74.
39. Sonckkus, M. C. H.: s.w. p. 20.
40. Sonckkus, M. C. H.: s.w. p. 23.
41. Sonckkus, M. C. H.: s.w. p. 22.

42. Linschoten, J.: s.w. p. 161.
43. Linschoten, J.: s.w. p. 30.
44. Ibid.
45. Ibid.
46. Langprecht, M. J.: s.w. p. 413.
47. Koekelmann, J. J. G. A.: s.w. p. 154, en 155
48. Lersch, F.: s.w. p. 624.
49. Lersch, F.: s.w. p. 644.
50. Landman, W. A.: Enkele etnologiese Momente in die Voortvrees-ambeltoekening - 'n Studie in die Wygerige Antropologie, p. 47.
51. Landman, W. A.: s.w. p. 41.
52. Lersch, F.: s.w. p. 620-630.
53. Lersch, F.: s.w. p. 628-629.
54. Sonckkus, M. C. H.: Die Kinderwag as wondingspedagogiese Verkyrnas. *Psychologia Pedagogica Sursum.*
55. Landman, W. A.: s.w. p. 41.
56. Van Dyk, C. J.: s.w. p. 49-111.
57. Van Dyk, C. J.: s.w. p. 91.
58. Van Dyk, C. J.: s.w. p. 74.
59. Van Dyk, C. J.: s.w. p. 91.
60. Ibid.
61. Van Dyk, C. J.: s.w. p. 92.
62. Van Dyk, C. J.: s.w. p. 98.
63. Linschoten, J.: s.w. p. 129.
64. Strauss, E. W.: s.w. p. 11.
65. Strauss, E. W.: s.w. p. 12 en 13.
66. Strauss, E. W.: s.w. p. 12.
67. Heidegger, M. in Koekelmann, J. J. G. A.: Martin Heidegger, p. 46.
68. Landman, W. A.: Die Leerwêreld van die Kind as Bekwenswêreld, p. 20.
69. Sonckkus, M. C. H.: Mondelinge mededeling.
70. Sonckkus, M. C. H.: s.w. p. 21-23.
71. Sonckkus, M. C. H.: s.w. p. 22.
72. Van Dyk, C. J.: s.w. p. 55.
73. Sonckkus, M. C. H.: s.w. p. 21.
74. Sonckkus, M. C. H.: Die Kinderwag as wondingspedagogiese Verkyrnas.
75. Linschoten, J.: s.w. p. 179.
76. Linschoten, J.: s.w. p. 180.
77. Linschoten, J.: s.w. p. 163.
78. Sonckkus, M. C. H.: Pedagogiese Ontmoeting met die slegste Kind, p. 68.
79. Van der Stoep, F. H.: The phenomenological Approach to Psychology, p. 32.
80. Sonckkus, M. C. H.: Die Leerwêreld van die Kind as Bekwenswêreld, p. 24.
81. Ibid.
82. Landman, W. A.: Enkele antropologies-ontologiese Momente van die eerste Leerjaar, p. 50-53.
83. Landman, W. A.: s.w. p. 51.
84. Ibid.
85. Landman, W. A.: Enkele etnologiese Momente in die Voortvrees-ambeltoekening - 'n Studie in die Wygerige Antropologie, p. 46.
86. Sonckkus, M. C. H.: Die Kinderwag as wondingspedagogiese Verkyrnas.
87. De Wachters, A.: The Phenomenology of the Body, p. 149-167.
88. Sonckkus, M. C. H.: Die Leerwêreld van die Kind as Bekwenswêreld, p. 55-57.
89. Linschoten, J.: s.w. p. 159-181.
90. De Wachters, A.: s.w. p. 165.
91. Linschoten, J.: s.w. p. 161.

92. Sonnekus, M. C. H.: aw. p. 56.
93. Sonnekus, M. C. H.: aw. p. 57.
94. De Waerhens, A.: aw. p. 160.
95. De Waerhens, A.: aw. p. 164.
96. De Waerhens, A.: aw. p. 143 - 144.
97. Linschoten, J.: aw. p. 160.
98. Linschoten, J.: aw. p. 161.
99. Linschoten, J.: aw. p. 171.
100. Linschoten, J.: aw. p. 179.
101. Linschoten, J.: aw. p. 180.
102. Sonnekus, M. C. H.: aw. p. 55.
103. Linschoten, J.: aw. p. 159.
104. Ibid.
105. Linschoten, J.: aw. p. 160.
106. Straus, E. W.: aw. p. 26.
107. Straus, E. W.: aw. p. 27.
108. Sonnekus, M. C. H.: aw. p. 56.
109. Bigot, L. C. T.: Psychologie, p. 26.
110. Bigot, L. C. T.: aw. p. 27.
111. Sonnekus, M. C. H.: aw. p. 25.
112. Sonnekus, M. C. H.: aw. p. 24.
113. Sonnekus, M. C. H.: aw. p. 25.
114. Bigot, L. C. T.: aw. p. 28.
115. Linschoten, J.: aw. p. 101.
116. Bigot, L. C. T.: aw. p. 37.
117. Bigot, L. C. T.: aw. p. 42.
118. Bigot, L. C. T.: aw. p. 38.
119. Straus, E. W.: aw. p. 14-16.
120. Sonnekus, M. C. H.: aw. p. 26 en 27.
121. Sonnekus, M. C. H.: aw. p. 27.
122. Straus, E. W.: aw. p. 43.
123. Straus, F. W.: aw. p. 42.
124. Sonnekus, M. C. H.: aw. p. 58.
125. Straus, E. W.: aw. p. 45.
126. Sonnekus, M. C. H.: aw. p. 61.
127. Ibid.
128. Straus, E. W.: aw. p. 54-57.
129. Langveid, M. J.: Beknopte Theoretische Pedagogiek, p. 30.
130. Straus, E. W.: aw. p. 55.
131. Straus, E. W.: aw. p. 54-57.
132. Minkowski, E.: Spontaneity (... spontaneous movement like this!) p. 170-177.
133. Sonnekus, M. C. H.: aw. p. 58.
134. Ibid.
135. Straus, E. W.: aw. p. 4.
136. Sonnekus, M. C. H.: aw. p. 58.
137. Straus, E. W.: aw. p. 4 en 5.
138. Sonnekus, M. C. H.: aw. p. 59 en 60.
139. Ibid.
140. Van Weelden, J.: Blinde Kinderen, p. 21-26.
141. Ibid.
142. Sonnekus, M. C. H.: aw. p. 59.
143. Landman, W. A. en Gout, S. J.: aw. p. 60.
144. Straus, E. W.: aw. p. 21 en 55.