

Foreword Professor B.S. Bratus

Christel Manske, director of the Christel Manske Institute for the Development of Functional Brain Systems in Hamburg, is a pedagogue and psychologist.

She is known to Russian readers because of her books "Beyond Pisa - Learning as a Discovery", "Inclusive reading and writing lessons from 3 years on", "Every child is special", "Inclusive math lessons", which were translated into Russian.

She gives seminars and lectures at the Russian Orthodox University of St. John.

The author dedicates her new book to the subject of mathematics.

She takes the responsibility for the children, who have difficulties in math lessons, especially for the children with Down syndrome and dyscalculia.

Her aim is that these children get the chance to learn mathematical thinking.

The math book is a challenge for pedagogues.

In the foreword of the book we read:

Shared feelings become

compassion

Shared experiences lead to

Self-awareness.

Shared remembrance becomes

Commemoration.

Shared understanding leads to

Reason.

Math makes you happy.

It is the task of education to develop an inclusive mathematics didactics.

The educators should not blame the learning problems on the children, but they should work together with scientists of different disciplines on the way to explore teaching concepts that allow the children in the math class compassion, self-awareness, remembering as memory and reason to develop.

How do we understand Christel Manske's educational work?

Her work is based on the developmental psychology of L.S. Vygotsky.

It is necessary to analyze and try to understand the psychological development of different children in the context of their culture and history.

On this basis, she goes with the child hand in hand on a journey of discovery.

In ancient Greek, the word "teacher" has the meaning of being the companion of the child.

The journey of discovery takes place in the light of the findings of L.S. Vygotsky.

During her work, Christel Manske is only guided by the unique child who signals its secret tendencies.

The theoretical knowledge serves to interpret her success or failure of her work.

Christel Manske gives the reader an introduction to L.S. Vygotsky's crisis theory, which describes the development from the infant to the schoolchild.

The course of the gradual development from one psychological development stage to the next higher one is valid for all children.

L.S. Vygotsky is convinced that this development process is also true for the children with Down syndrome or dyscalculia.

This attitude is deeply humane. It encourages teachers to understand each child in its own way.

Christel Manske writes, "We are aware that every child should be allowed to go through its own psychic metamorphosis without hindrance, to become as the creator of all things has always planned. This is the deep secret into which we, as educators, should intuitively immerse ourselves. "

Christel Manske is a pedagogue and psychologist.

The psychologist examines the constant restructuring of mental development.

The teacher performs her work with a unique child.

It is difficult for a psychologist to be a good teacher on your own, just as it is difficult for a good teacher to be a good psychologist as well.

Their cooperation is therefore absolutely necessary.

The good psychologist depends on the good teacher, who shows him the realization of his discoveries. The good teacher needs the knowledge of the good psychologist to familiarize him with his developmental psychology.

Psychological and pedagogical knowledge is the basis for every teacher to achieve good results in the educational work with the different children.

We know that the psychological and pedagogical knowledge of educators and psychologists comes into play only when their work is blessed with affection for the children.

The book on "Inclusive Mathematics Education" is an example of this.

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