

Learning disabilities in mathematics

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The aim of organising a discussion group about *learning disabilities in mathematics* is to share research results and perspectives concerning this topic. Learning disabilities in mathematics seem to become an increasing problem in many countries. Too often these problems are assigned to experts who are not specialized in mathematics education. We intend to establish more contact between mathematics educators who work in this field.

The following aspects should be discussed:

- Is there a common understanding of learning disabilities in mathematics?
- What are the experiences in different countries and school systems?
- Are there new research findings concerning the diagnosis of learning disabilities in mathematics?
- Do children with learning disabilities in mathematics need a specific curriculum?
- What kind of teaching and instruction is appropriate for these students? Which standards of actual research in mathematics education are valid as well for low achievers as for high achievers? Which standards can be adapted?

During the sessions some specific thesis will be discussed. Moreover a reaction of experts is planned (asked: Rene Parmar/USA; Anne Watson/UK).