

Children's Errors in Mathematics (Transforming Primary QTS)


By Alice Hansen, Doreen Drews, John Dudgeon, Fiona Lawton, Liz Surtees


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This practical guide to children's common errors and misconceptions in mathematics is a popular planning tool for primary trainees. It supports a deeper understanding of the difficulties encountered in mathematical development. This third edition has been updated to link to the new National Curriculum. New for this edition is a chapter on addressing errors misconceptions which explores how errors can best be identified and countered. The text examines misconceptions individually and in each case provides a description of the error alongside an explanation of why the error happens. The text also considers the role of the teacher in understanding and addressing children's common mathematical misconceptions.

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Editorial Review

Review

Children's Errors in Mathematics is a book that can help give teachers insight into types of errors students make and why students tend to make them.

It makes a valuable reference book, both for planning and assessment.

(Matthew Reames *SATIPS Mathematics Broadsheet*)

About the Author

Alice Hansen is the Director of Children Count Ltd where she is educational consultant. Her work includes running professional development courses and events for teachers and teacher trainers, research and publishing. Alice has worked in education in England and abroad. Prior to her current work she was a primary mathematics tutor and the programme leader for a full-time primary PGCE programme at a large university in England.

Doreen Drews is a Principal Lecturer in Primary Mathematics at St Martin's College and has taught extensively within the Foundation Stage, Key Stage One and Key Stage Two. She was a mathematics advisory teacher for four years before joining St Martin's and has a particular interest in early years mathematics.

John Dudgeon has taught at a wide range of primary schools. John is particularly interested in the effective use of mathematical resources.

Fiona Lawton is currently developing online materials to support teaching and learning in mathematics and is researching the underpinning pedagogy of e-learning.

Liz Surtees has taught at both secondary and primary level and has a particular interest in statistics.

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