



Key concepts in teaching primary mathematics /

Haylock, Derek

SAGE Publications,
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Electronic books

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Monografía

Covering the key principles and concepts in the teaching and learning of mathematics in elementary schools, this text provides trainee and practicing teachers with a quick and easy reference to what they need to know for their course, and in the classroom

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Título: Key concepts in teaching primary mathematics Derek Haylock with Fiona Thangata

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Variantes del título: Teaching primary mathematics

Mención de serie: SAGE key concepts

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Contenido: Aims of mathematics teaching -- Algorithm -- Anxiety about mathematics -- Assessment for learning -- Assessment for teaching -- Cognitive conflict -- Concept learning -- Conservation of quantity -- Constructivism -- Creativity in mathematics -- Cross-cultural mathematics -- Cross-curricular mathematics -- Deductive and inductive reasoning -- Differentiation -- Equivalence -- Errors -- Explanation -- Gender and mathematics -- Generalization -- Giftedness in mathematics -- Home as a context for numeracy -- Informal calculation method -- Investigation (enquiry) -- Language difficulties in mathematics -- Low attainment -- Making connections -- Match and mismatch -- Meaningful context -- Meaningful learning -- Mental calculation -- Modelling process (representing) -- Numeracy -- Play as a context for learning mathematics -- Principle learning -- Problem solving -- Purposeful activity -- Questioning -- Rote learning -- Skill learning -- Talk -- Transformation -- Transitivity -- Using and applying mathematics

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