Primary Mathematics

Capitalising on ICT for today and tomorrow

*Primary Mathematics* provides a comprehensive introduction to teaching and learning mathematics in today’s classrooms. Drawing links to the Australian Curriculum, this book covers the core learning areas of measurement, space and geometry, early number concepts, data and statistics, chance and probability, and patterns and algebra.

At the centre of this book is the belief that information and communication technology (ICT) can be a powerful tool for enhancing student learning. Although many classrooms have been resourced with computers, interactive whiteboards and mobile technology, teachers need to be able to transform these technological tools into meaningful teaching and learning experiences. This book explores the ways in which technology can be integrated into the mathematics classroom and provides teachers with detailed activities and examples to cater for the mathematical needs of all learners.

Each chapter features:
- definitions of key terms
- classroom activities
- ‘pause and reflect’ points
- classroom snapshots
- suggestions for further reading where appropriate.

The book also explores issues around student diversity, assessment ‘for’, ‘of’ and ‘as’ learning, and teaching in rural and remote areas. Grounded in evidence and richly illustrated with examples of student work, online mathematical resources and key concepts, *Primary Mathematics* is an indispensable resource for pre- and in-service teachers alike.

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