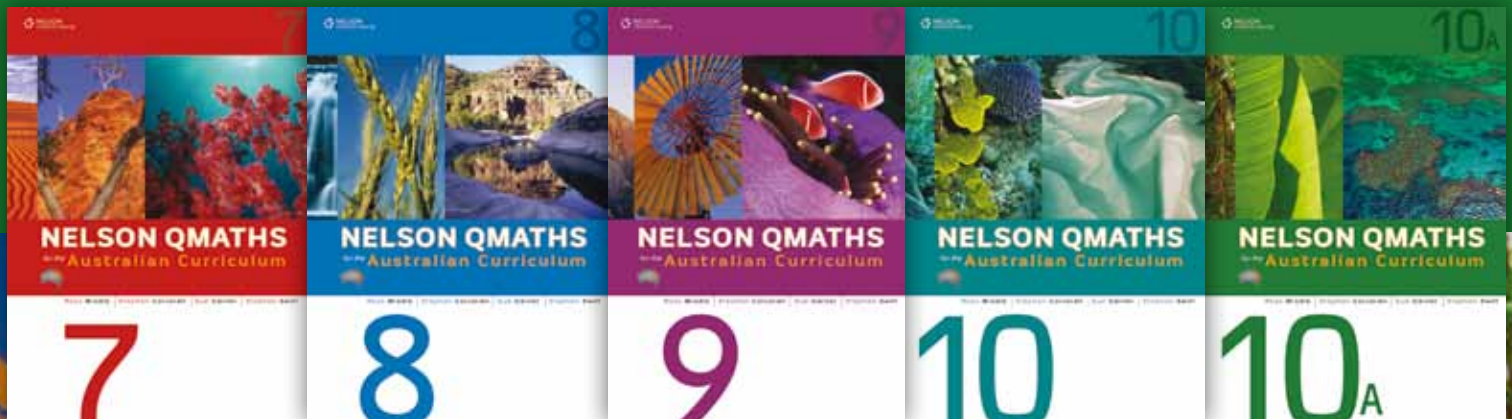


NELSON QMATHS

for the **Australian Curriculum**

Developed especially for Queensland schools



Developed by innovative and experienced Maths teachers

Supported by the online, interactive **nelsonnetbook**

Comprehensive coverage of the curriculum content descriptions and elaborations

Ross Brodie

Stephen Corcoran

Sue Garner

Stephen Swift

NELSON QMAT

for the Australian Curriculum

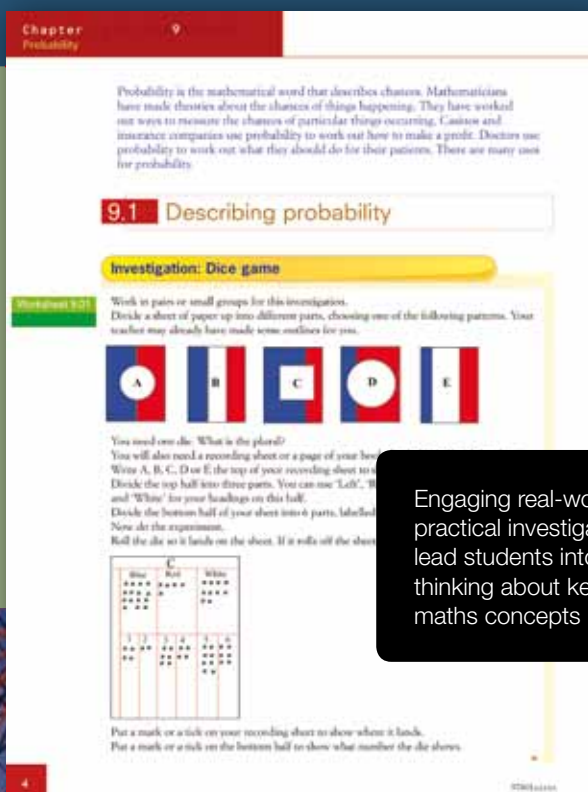
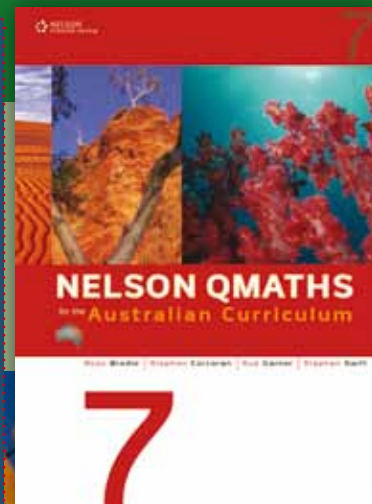
Key Features

- visually appealing, full-colour design that reflects instructional design principles
- concise text and uncluttered design enable students to focus on essential material
- explicit focus on the development of the four Australian Curriculum proficiencies – understanding, fluency, problem solving and reasoning
- support for the general capabilities and cross-curriculum dimensions
- numerous Technology-related resources - spreadsheets, graphing software, CAS calculator use and exercises
- hands-on, practical real-world Maths investigations
- clear thinking steps provided for worked examples
- numerous 'drill and practice' exercises
- graduated exercises to facilitate the teaching of mixed ability classes
- colour coding of worked examples and exercises to signal the intended ability level

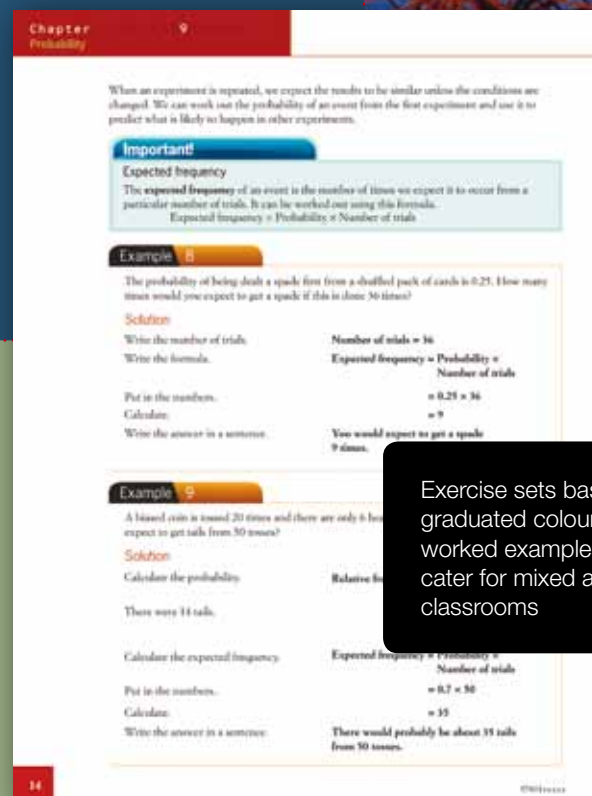
Teacher Resources

Resources for teachers include:

- guidelines written by Stephen Swift and Sue Garner on how to integrate key aspects of the curriculum (capabilities, proficiencies, technology, and cross-curriculum dimensions) into the teaching of each topic
- a detailed teaching plan
- state-specific assessment guidelines
- online support resources such as curriculum grids and curriculum guides
- online classroom resources such as topic tests and animated diagrams.



Engaging real-world practical investigations lead students into thinking about key maths concepts



Exercise sets based on graduated colour coded worked examples cater for mixed ability classrooms

HS ulum

Nelson QMaths for the Australian Curriculum 7-10 is a new series that has been developed to support teachers implementing the Australian Mathematics Curriculum for Years 7-10 students in Queensland.



What is a NelsonNetBook?

It's an online web version of the student book with interactive links. Personalise it by adding your own annotations and weblinks, and use it to share your comments with your class. Click 'hot spots' to access a variety of multimedia resources. There's so much more to a NelsonNetBook than PDFs or a standard eBook.



About the Authors

Stephen Swift started teaching Mathematics, Science and Computing in 1973 and taught at all levels from years 7 to 12 in several states, in urban and country schools until retiring in 2010 from the role of Mathematics Head of Department at Wellington Point State High School in Brisbane. He has been writing successful Mathematics textbooks since 1986.

Ross Brodie has worked as a classroom teacher and Mathematics Head of Department at a number of regional and metropolitan secondary schools. He has taught Mathematics at all levels from years 8 to 12. Ross brings a wide range of experience from education and other sectors to the writing of Mathematics textbooks – something he has been doing for over twenty years. Ross has significant

experience and an ongoing interest in improving the school-to-work transition for secondary students.

Stephen Corcoran is an experienced teacher who has been Head of Mathematics in four schools. He is familiar with current trends in mathematics education. Stephen has received a National Excellence in Teaching award for inspiring students and encouraging their abilities through innovative mathematics programs.

Sue Garner is assistant Head of Mathematics at Ballarat Grammar, specialising in both Mathematical Methods (CAS) and Specialist Mathematics. She has extensive knowledge of CAS calculator technology, and pioneered the first trial of CAS calculators in Ballarat Grammar in Victoria. Sue is also a VCAA exam assessor for both Mathematical Methods (CAS) and for Specialist Maths. She has published

extensive material for secondary teachers and students of Maths, has lectured at The University of Ballarat and at The University of Melbourne, and has taught students of all secondary levels of Mathematics in Government, Catholic and Independent schools in Australia and in the UK.

Digital Resources Team

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Title (Availability subject to the publication of the Australian Curriculum)	Available
Nelson QMaths 7 for the Australian Curriculum student book + NelsonNetBook	August 2011
Nelson QMaths 7 for the Australian Curriculum NelsonNetBook	August 2011
Nelson QMaths 7 for the Australian Curriculum Teacher's Edition	September 2011
Nelson QMaths 8 for the Australian Curriculum student book + NelsonNetBook	October 2011
Nelson QMaths 8 for the Australian Curriculum NelsonNetBook	October 2011
Nelson QMaths 8 for the Australian Curriculum Teacher's Edition	November 2011
Nelson QMaths 9 for the Australian Curriculum student book + NelsonNetBook	November 2011
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