Mathematics Every Elementary Teacher Should Know

Grades K-8

Derek Haylock and Douglas McDougall

Mathematics Every Elementary Teacher Should Know

Ontario Principals' Council

Mathematics Every Elementary Teacher Should Know:

Mathematics Everyday Elementary Derek Haylock, 2013-11-13 **Mathematics Explained for Primary Teachers** Derek Haylock, Ralph Manning, 2014-06-19 Get access to an interactive eBook when you buy the paperback Print paperback version only ISBN 9781446285879 A Unique Blend of Digital and Print Learning Resources 5 Star student reviews A must have for teachers to be especially those who are a bit shaky on their maths knowledge Not many maths books keep me fixated but this is one that is definitely worth the money It is a book I will be using even when in the classroom Mathematics Explained for Primary Teachers develops your understanding of mathematical concepts and processes and how children learn them so you can confidently teach mathematics to primary children Tried and tested the fifth edition of Derek Haylock s much loved textbook matches the 2014 curriculum requirements for England Every chapter integrates children's learning classroom practice and teacher's own requirements for subject knowledge making this the ideal text to guide you through your studies and beyond More than just a book The new edition is supported by FREE access to an interactive eBook and a companion website allowing you to use a wealth of teaching and learning resources You can use the eBook to study where and when you want and read annotate and search the book on a tablet laptop or PC You can also visit study sagepub com haylock5e to access Videos by the author introduce core themes of each section and explain key mathematical processes Links to the National Curriculum specify the statutory requirements for primary schools in England that relate to the mathematical content of each chapter Learning and Teaching points highlight important issues you may face in the classroom and provide practical guidance for teaching Self assessment guestions help check your understanding and provide immediate feedback to see how well you have done Select SAGE journal articles to support literature reviews and wider reading Lesson Plan Activities by Ralph Manning support content focused chapters and contain creative mathematics tasks across the primary age range A Student Workbook is also available to accompany this book including over 700 practice problems to help you understand apply and teach primary mathematics Derek Haylock is an education consultant and writer with a background in mathematics teaching teacher education and classroom based research in mathematics education Ralph Manning is an independent consultant in primary education He has worked as a primary teacher and as a lecturer in primary teacher education for 18 years following a career in IT interactivity only available through Vitalsource eBook

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a clear and accessible style Mike Askew Times Educational Supplement Quotes from the author's students The book is excellent I think it will present students and others with a valuable resource not only to help with the OTS test but also for teaching I could see myself using it on dip in as necessary basis The practice questions were really helpful for checking and consolidating learning The material was useful for the QTS test particularly the mental calculations Many thanks for letting me work through your sample material I cannot begin to tell you how much more I have learnt This has definitely made me feel more confident about passing the QTS numeracy skills test I have definitely demonstrated to myself from this material that my ability to complete calculations mentally has increased I can calculate faster and with some accuracy now Comprises a very helpful resource for students who are obliged to succeed in passing the QTS numeracy test in order to gain QTS It should provide a valuable resource for students to increase their confidence as well as their competence Mathemtics in Schools This book is designed to help teacher trainees prepare for the Qualified Teaching Standards numeracy test that must now be passed by all entrants to the teaching profession The author focuses especially on weaknesses in numeracy often observed in adults and in teacher trainees in particular As far as possible this mathematics is set in the professional context of teaching drawing on statistics and other data from individual schools the DfEE and the Qualifications and Curriculum The Principal as Mathematics Leader Ontario Principals' Council,2009-01-12 This guide provides Agency OCA research tools and support for leading effective mathematics teaching and learning observing and evaluating mathematics instruction and promoting faculty growth Authentic Learning Activities: Number & Operation Brendan Kelly, 2000

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