Extending mathematical understanding and pedagogy (Semester 1 and 2)



Askew M, A Practical Guide to Transforming Primary Mathematics: Activities and Tasks That Really Work (Routledge, Taylor & Francis Group 2016)

——, Transforming Primary Mathematics: Understanding Classroom Tasks, Tools and Talk (Updated and revised edition, Routledge 2016) https://www-taylorfrancis-com.oxfordbrookes.idm.oclc.org/books/mono/10.4324/9781315

https://www-taylorfrancis-com.oxfordbrookes.idm.oclc.org/books/mono/10.4324/9781315 667256/transforming-primary-mathematics-mike-askew>

——, 'The Contribution of Professional Development to Effectiveness in the Teaching of Numeracy' (1997) 1 Teacher Development 335

Barmby P, Primary Mathematics: Teaching for Understanding (Open University Press 2009)

Barmby, Patrick, Bolden, David, and Thompson, Lynn, Understanding and Enriching Problem Solving in Primary Mathematics, vol Critical teaching (Critical Publishing 2014)

Barwell R, Multilingualism in Mathematics Classrooms: Global Perspectives, vol Bilingual education&bilingualism (Multilingual Matters 2009)

https://ebookcentral-proquest-com.oxfordbrookes.idm.oclc.org/lib/brookes/detail.action?docID=543897

'BBC - Schools Ages 4-11 - Numeracy Sites'

Bird R, The Dyscalculia Toolkit: Supporting Learning Difficulties in Maths (3rd edition, Sage Publications 2017)

Boaler J and Boaler J, The Elephant in the Classroom: Helping Children Learn and Love Maths (Revised and updated paperback edition, Souvenir Press Ltd 2015)

Briggs M and Davis S, Creative Teaching: Mathematics in the Primary Classroom (Second edition, Routledge 2015) https://oxfordbrookes.on.worldcat.org/oclc/891658083>

Chinn SJ, The Trouble with Maths: A Practical Guide to Helping Learners with Numeracy Difficulties (Fourth edition, Routledge, Taylor & Francis Group 2021) https://www-taylorfrancis-com.oxfordbrookes.idm.oclc.org/books/mono/10.4324/9781003 017714/trouble-maths-steve-chinn>

Cockburn A and Littler GH, Mathematical Misconceptions: A Guide for Primary Teachers (SAGE 2008)

Cotton T, Understanding and Teaching: Primary Mathematics (Fourth edition, Routledge 2021)

Cross A and Borthwick A, Connecting Primary Maths & Science: A Practical Approach (Open University Press 2016)

Dowker A, Mathematical Difficulties: Psychology and Intervention, vol Educational psychology series (Academic Press 2008)

'Educational Studies in Mathematics' https://oxfordbrookes.on.worldcat.org/oclc/41559484

English, Richard, Maths and ICT in the Primary School: A Creative Approach (David Fulton 2006)

'For the Learning of Mathematics: An International Journal of Mathematics Education' https://oxfordbrookes.on.worldcat.org/oclc/7805838

Hansen A (ed), Children's Errors in Mathematics (Fifth edition, Learning Matters 2020)

Hansen, Alice and Vaukins, Diane, Primary Mathematics across the Curriculum, vol Transforming primary QTS (2nd ed, Learning Matters 2012)

Haylock D and Cockburn A, Understanding Mathematics for Young Children: A Guide for Teachers of Children 3-7 (5th edition, SAGE 2017)

'IE|ME-Mathematics Education' https://www.iejme.com/?p=113

'International Journal for Mathematics Teaching and Learning' https://www.cimt.org.uk/ijmtl/index.php/lJMTL/issue/view/10

Jackson E, Reflective Primary Mathematics: A Guide for Student Teachers (SAGE 2015)

Jain P and Hyde R (eds), Myths and Legends of Mastery in the Mathematics Curriculum (Learning Matters 2019)

Jenny Eather, 'A Maths Dictionary for Kids' (2014)

Koshy V, Teaching Mathematics to Able Children (David Fulton 2001) "https://oxfordbrookes.idm.oclc.org/login?url=http://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780203065198&uid=^u>"https://oxfordbrookes.idm.oclc.org/login?url=http://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780203065198&uid=^u>"https://oxfordbrookes.idm.oclc.org/login?url=http://oxfordbrookes.idm.oclc.org/login?url=http://oxfordbrookes.idm.oclc.org/login?url=http://oxfordbrookes.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780203065198&uid=^u>"https://oxfordbrookes.com/vleweb/product/openreader?url=http://oxfordbrookes.com/vleweb/product/openreader?url=http://oxfordbrookes.com/vleweb/product/openreader?url=https://oxfordbrookes.com/vleweb/product/openreader?url=https://oxfordbrookes.com/vleweb/product/openreader?url=https://oxfordbrookes.com/vleweb/product/openreader?url=https://oxfordbrookes.com/vleweb/product/openreader?url=https://oxfordbrookes.com/vleweb/product/openreader?url=https://oxfordbrookes.com/vleweb/product/openreader?url=https://oxfordbrookes.com/vleweb/product/openreader?url=https://oxfordbrookes.com/vleweb/product/openreader?url=https://oxfordbrookes.com/vleweb/product/openreader?url=https://oxfordbrookes.com/vleweb/product/openreader?url=https://oxfordbrookes.com/vleweb/product/openreader?url=https://oxfordbrookes.com/vleweb/product/openreader.url=https://oxfordbrookes.com/vleweb/product/openreader.url=https://oxfordbrookes.com/vleweb/product/openreader.url=https://oxfordbrookes.com/vleweb/product/openreader.url=https://oxfordbrookes.com/vleweb/product/openreader.url=https://oxfordbrookes.com/vleweb/product/openreader.url=https://oxfordbrookes.com/vleweb/product/openreader.url=https://oxfordbrookes.com/vleweb/product/openreader.url=https://oxfordbrookes.com/vleweb/product/openreader.url=https://oxfordbrookes.com/vleweb/product/openreader

Maloney EA and Beilock SL, 'Math Anxiety: Who Has It, Why It Develops, and How to Guard against It' (2012) 16 Trends in Cognitive Sciences 404

Mason J, Burton L and Stacey K, Thinking Mathematically (2nd ed, Prentice Hall 2010) "https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780273728924&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780273728924&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780273728924&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780273728924&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=OxfBr

'Mathematics in School'

'Mathematics Teaching' https://oxfordbrookes.on.worldcat.org/oclc/60618574

'Mathematics Teaching and Learning Support ☐ ATM'

McAteer, Mary (Ed), Improving Primary Mathematics Teaching and Learning (McAteer, Mary ed, McGraw Hill Open University Press 2012)

"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780335246779&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780335246779&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780335246779&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780335246779&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780335246779&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes@amp;uid=^u>"https://www.uid=^u>"https://www.uid=^u>"https://www.uid=^u>"https://www.uid=^u>"https://www.uid=^u>"https://www.uid=^u>"https://www.uid=^u>"https://www.uid=^u>"h

McGrath C, Supporting Early Mathematical Development: Practical Approaches to Play-Based Learning (Routledge 2010)

Montague-Smith A and others, Mathematics in Early Years Education (Fourth edition, Routledge 2018)

https://search.ebscohost.com/login.aspx?direct=true&db=nlebk&AN=1602227&site=ehost-live

Mooney C and others, Primary Mathematics: Teaching Theory and Practice (8th edition, Learning Matters, an imprint of SAGE Publications 2018)

National Association of Mathematics Advisers, 'Five Myths of Mastery in Mathematics' http://www.nama.org.uk/Downloads/Five%20Myths%20about%20Mathematics%20Mastery.pdf

'National Centre for Excellence in the Teaching of Mathematics - NCETM'

National Council of Teachers of Mathematics, 'Journal for Research in Mathematics Education'

Newell R, Big Ideas in Primary Mathematics (Second edition, SAGE Publications Ltd 2021)
——, Big Ideas in Primary Mathematics (Second edition, SAGE Publications Ltd 2021)

'NRICH'

Ofsted, 'Learning Outside the Classroom: How Far Should You Go?' http://dera.ioe.ac.uk/id/eprint/9253

Oh B, Maths - No Problem!: Singapore Maths English National Curriculum 2014, Workbook 6A (Maths - No Problem 2015)

Oh B, Yeap BH and Hermanson A, Maths - No Problem!: Singapore Maths English National Curriculum 2014, Workbook 2B (Maths - No Problem 2015)

——, Maths - No Problem!: Singapore Maths English National Curriculum 2014, 6B: Workbook (Maths - No Problem 2016)

——, Maths - No Problem!: Singapore Maths English National Curriculum 2014, Workbook 2A (Maths - No Problem 2017)

Patrick Barmby and others, 'Developing the Use of Visual Representations in the Primary Classroom'

http://www.nuffieldfoundation.org/sites/default/files/files/Developing%20the%20use%20of%20visual%20representations%20in%20the%20primary%20classroom%2013Jun13.pdf

Pound L and Lee T, Teaching Mathematics Creatively (Third edition, Routledge, Taylor & Francis Group 2022)

Rickard C, Essential Primary Mathematics (Open University Press 2013) "https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780335247035&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780335247035&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780335247035&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780335247035&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780335247035&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780335247035&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780335247035&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780335247035&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780335247035&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780335247035&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780335247035&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780335247035&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780335247035&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780335247035&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780335247035&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780335247035&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780335247035&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780335247035&uid=^u>"https://www.vleweb/product/openreader?id=OxfBrookes&isbn=9780335247035&uid=^u>"https://www.vleweb/product/openreader?id=OxfBrookes&isbn=978035000000000000000000000000000000000

Rowland T, 'Chapter 2- Knowledge for Teaching Mathematics', Developing primary mathematics teaching: reflecting on practice with the knowledge quartet (Sage Publications 2009)

https://sk-sagepub-com.oxfordbrookes.idm.oclc.org/books/developing-primary-mathematics-teaching/n2.xml

- ——, 'Chapter 3: Transformation: Using and Understanding Representations in Mathematical Teaching', Developing primary mathematics teaching: reflecting on practice with the knowledge quartet (Sage Publications 2009)
- https://sk-sagepub-com.oxfordbrookes.idm.oclc.org/books/developing-primary-mathematics-teaching/n3.xml
- ——, 'Chapter 5: Making Connections in Mathematics Teaching', Developing primary mathematics teaching: reflecting on practice with the knowledge quartet (Sage Publications 2009)
- https://sk-sagepub-com.oxfordbrookes.idm.oclc.org/books/developing-primary-mathematics-teaching/n5.xml
- ——, 'Chapter 6: Contingency: Tales of the Unexpected!', Developing primary mathematics teaching: reflecting on practice with the knowledge quartet (Sage Publications 2009) https://sk-sagepub-com.oxfordbrookes.idm.oclc.org/books/developing-primary-mathematics-teaching/n6.xml
- ——, 'Chapter 7: Foundation Knowledge for Teaching Mathematics', Developing primary mathematics teaching: reflecting on practice with the knowledge quartet (Sage Publications 2009)
- https://sk-sagepub-com.oxfordbrookes.idm.oclc.org/books/developing-primary-mathematics-teaching/n7.xml
- ——, Developing Primary Mathematics Teaching: Reflecting on Practice with the Knowledge Quartet (SAGE 2009)
- https://sk-sagepub-com.oxfordbrookes.idm.oclc.org/books/developing-primary-mathematics-teaching

Skemp RR, Mathematics in the Primary School, vol Subjects in the primary school (Routledge 1989)

"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780203403891&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780203403891&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780203403891&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780203403891&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebookes.com/vleweb/product/openreader?id=OxfBrookes&uid=Oxf

Sousa DA, How the Brain Learns Mathematics (Second edition, Corwin 2015)

Street BV and others, Navigating Numeracies: Home/School Numeracy Practices, vol Multiple perspectives on attainment in numeracy (Springer 2008) "https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9781402036774&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9781402036774&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9781402036774&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9781402036774&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&uid=^u>"https://www.vleweb/product/openreader?i

'The Journal of Mathematical Behavior' https://oxfordbrookes.on.worldcat.org/oclc/223025400

'The Mathematical Association'

Thompson, Ian, Issues in Teaching Numeracy in Primary Schools (McGraw Hill Open University Press 2010)

Turner S, Teaching Primary Mathematics (SAGE 2013)

Turner, Sylvia and McCullouch, Judith, Making Connections in Primary Mathematics: A Practical Guide (David Fulton 2004)

Yeap BH and others, Maths - No Problem!: Singapore Maths English National Curriculum 2014, Textbook 2B (Maths - No Problem 2015)

——, Maths - No Problem!: Singapore Maths English National Curriculum 2014, Textbook 2A (Maths - No Problem 2016)

Yeap BH and Hermanson A, Maths - No Problem!: Singapore Maths English National Curriculum 2014, Textbook 6A (Maths - No Problem 2015)

——, Maths - No Problem!: Singapore Maths English National Curriculum 2014, 6B: Textbook (Maths - No Problem! 2018)