# Primary PGCE Maths Additional Reading

This list contains additional suggested reading



# [1]

Askew, M. 2016. Transforming primary mathematics: understanding classroom tasks, tools, and talk. Routledge, Taylor & Francis Group.

# [2]

ATM Mathematics Teaching Journals - View the latest issues online: https://www.atm.org.uk/mathematics-teaching-journal-archive.

# [3]

BBC Bitesize - GCSE Maths (pre-2015): http://www.bbc.co.uk/education/subjects/z6pfb9q.

## [4]

Bird, R. 2013. The dyscalculia toolkit: supporting learning difficulties in maths. SAGE.

## [5]

Boaler, J. 2015. The elephant in the classroom: helping children learn and love maths. Souvenir Press.

# [6]

Briggs, M. and Davis, S. 2015. Creative teaching: mathematics in the primary classroom. Routledge/ Taylor & Francis Group.

## [7]

Carruthers, E. and Worthington, M. 2006. Children's mathematics: making marks, making meaning. Paul Chapman.

#### [8]

Carruthers, E. and Worthington, M. 2011. Understanding children's mathematical graphics: beginnings in play. Open University Press.

## [9]

Centre for Innovation in Mathematics Teaching: http://www.cimt.org.uk/menus/tests.htm.

#### [10]

Chinn, S.J. 2012. The trouble with maths: a practical guide to helping learners with numeracy difficulties. Routledge.

## [11]

Cockburn, A. 1998. Teaching mathematics with insight: the identification, diagnosis and remediation of young children's mathematical errors. Falmer.

## [12]

Cockburn, A. and Littler, G.H. 2008. Mathematical misconceptions: a guide for primary teachers. SAGE.

#### [13]

Cooke, H. et al. 2007. Mathematics for primary and early years. SAGE.

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Cotton, T. 2016. Understanding and teaching primary mathematics. Routledge, Taylor & Francis Group.

# [15]

Davis, A. et al. 2017. Mathematical knowledge for primary teachers. Routledge, Taylor & Francis Group.

# [16]

Drews, D. and Hansen, A. 2007. Using resources to support mathematical thinking: primary and early years. Learning Matters.

## [17]

English, R. 2013. Teaching arithmetic in primary schools. Learning Matters.

## [18]

Fletcher, M. and Mooney, C. 2014. Primary mathematics: audit and test. SAGE.

## [19]

Gelman, R. and Gallistel, C.R. 1986. The child's understanding of number. Harvard University Press.

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Gelman, R. and Gallistel, C.R. 1986. The child's understanding of number. Harvard University Press.

# [21]

Gifford, S. 2005. Teaching mathematics 3-5: developing learning in the foundation stage. Open University Press.

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Hansen, A. 2020. Children's errors in mathematics. Learning Matters.

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Hansen, A. 2020. Children's errors in mathematics. Learning Matters.

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Hansen, A. 2008. Primary mathematics. Learning Matters.

#### [25]

Harries, T. and Spooner, M. 2000. Mental mathematics for the numeracy hour. David Fulton.

## [26]

Haylock, D. and Cockburn, A. 2012. Understanding mathematics for young children: a guide for teachers of children 3-8. SAGE.

## [27]

Haylock, D. and Haylock, D. 2014. Student workbook for Mathematics explained for primary teachers. SAGE.

## [28]

Haylock, D. and Manning, R. 2014. Mathematics explained for primary teachers. SAGE.

## [29]

Haylock, D. and Thangata, F. 2007. Key concepts in teaching primary mathematics. SAGE Publications.

#### [30]

Headington, R. 2012. Supporting numeracy: a handbook for those who assist in early years settings. Routledge.

## [31]

Home Page : nrich.maths.org: http://nrich.maths.org/frontpage.

## [32]

Hughes, M. 1986. Children and number: difficulties in learning mathematics. Basil Blackwell.

#### [33]

Hughes, M. 1986. Children and number: difficulties in learning mathematics. Basil Blackwell.

## [34]

Index - National Council of Teachers of Mathematics: http://www.nctm.org/.

## [35]

Kamii, C. and Joseph, L.L. 2004. Young children continue to reinvent arithmetic--2nd grade: implications of Piaget's theory. Teachers College Press.

#### [36]

Math and Dyscalculia | LD OnLine: http://www.ldonline.org/indepth/math/.

## [37]

McGrath, C. 2010. Supporting early mathematical development: practical approaches to play based learning. Routledge.

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Montague-Smith, A. et al. 2012. Mathematics in early years education. Routledge.

[39]

Mooney, C. 2003. A-Z of key concepts in primary mathematics. Learning Matters.

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Mooney, C. et al. 2021. Primary mathematics: knowledge and understanding. Learning Matters.

[41]

Mooney, C. 2021. Primary mathematics: teaching theory and practice. Learning Matters.

[42]

Murray, J. and Koshy, V. 2011. Unlocking mathematics teaching. Routledge.

[43]

Noyes, A. 2007. Rethinking school mathematics. SAGE Publications.

[44]

Pepperell, S. 2009. Mathematics in the primary school: a sense of progression. Routledge.

[45]

Pound, L. 2006. Supporting mathematical development in the early years. Open University Press.

[46]

Pound, L. and Lee, T. 2015. Teaching mathematics creatively. Routledge, Taylor & Francis Group.

## [47]

Resources - NCETM: https://www.ncetm.org.uk/resources.

## [48]

Rowland, T. 2009. Developing primary mathematics teaching: reflecting on practice with the Knowledge Quartet. SAGE.

## [49]

Ryan, J. and Williams, J. 2007. Children's mathematics 4-15: learning from errors and misconceptions. Open University Press.

## [50]

Taylor, H. and Harris, A. eds. 2014. Learning and teaching mathematics 0-8. SAGE.

## [51]

The Math Forum - Ask Dr. Math: http://mathforum.org/dr.math/.

## [52]

Thompson, I. 2003. Enhancing primary mathematics teaching and learning. Open University Press.

## [53]

Thompson, I. 2010. Issues in teaching numeracy in primary schools. Open University Press.

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Thompson, I. 2008. Teaching and learning early number. Open University Press.

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Thompson, I. 2008. Teaching and learning early number. Open University Press.

[56]

Tucker, K. 2014. Mathematics through play in the early years. SAGE.

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Way, J. and Beardon, T. 2003. ICT and primary mathematics. Open University Press.

[58]

Witt, M. ed. 2014. Primary mathematics for trainee teachers. SAGE, Learning Matters.