

Primary PGCE Maths Additional Reading

This list contains additional suggested reading

View Online



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1.
Haylock, D. & Manning, R. Mathematics explained for primary teachers. (SAGE, 2014).
 2.
Cotton, T. Understanding and teaching primary mathematics. (Routledge, Taylor & Francis Group, 2016).
 3.
Tucker, K. Mathematics through play in the early years. (SAGE, 2014).
 4.
Montague-Smith, A., Price, A. & Montague-Smith, A. Mathematics in early years education. (Routledge, 2012).
 5.
Askew, M. Transforming primary mathematics: understanding classroom tasks, tools, and talk. (Routledge, Taylor & Francis Group, 2016).
 6.
Boaler, J. The elephant in the classroom: helping children learn and love maths. (Souvenir Press, 2015).

7.

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

8.

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

9.

Drews, D. & Hansen, A. Using resources to support mathematical thinking: primary and early years. vol. Achieving QTS : practical handbooks (Learning Matters, 2007).

10.

English, R. Teaching arithmetic in primary schools. vol. Transforming primary QTS (Learning Matters, 2013).

11.

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

12.

Hansen, A. Primary mathematics. vol. Achieving QTS. Extending knowledge in practice (Learning Matters, 2008).

13.

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

14.

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

15.

Haylock, D. & Thangata, F. Key concepts in teaching primary mathematics. vol. Sage key concepts (SAGE Publications, 2007).

16.

Harries, T. & Spooner, M. Mental mathematics for the numeracy hour. (David Fulton, 2000).

17.

Murray, J. & Koshy, V. Unlocking mathematics teaching. (Routledge, 2011).

18.

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

19.

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

20.

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

21.

Pound, L. & Lee, T. Teaching mathematics creatively. vol. The learning to teach in the primary school series (Routledge, Taylor & Francis Group, 2015).

22.

Rowland, T. Developing primary mathematics teaching: reflecting on practice with the

Knowledge Quartet. (SAGE, 2009).

23.

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

24.

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

25.

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

26.

Way, J. & Beardon, T. ICT and primary mathematics. vol. Learning and teaching with ICT (Open University Press, 2003).

27.

Primary mathematics for trainee teachers. vol. Transforming primary QTS (SAGE, Learning Matters, 2014).

28.

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

29.

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

30.

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

31.

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

32.

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

33.

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

34.

Kamii, C. & Joseph, L. L. Young children continue to reinvent arithmetic--2nd grade: implications of Piaget's theory. vol. Early childhood education series (Teachers College Press, 2004).

35.

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

36.

Pound, L. Supporting mathematical development in the early years. vol. Supporting early learning (Open University Press, 2006).

37.

Learning and teaching mathematics 0-8. (SAGE, 2014).

38.

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

39.

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

40.

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

41.

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

42.

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

43.

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

44.

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

45.

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

46.

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

47.

Cooke, H., Cooke, H., & Open University. Mathematics for primary and early years. vol. Developing subject knowledge (SAGE, 2007).

48.

Haylock, D. & Haylock, D. Student workbook for Mathematics explained for primary teachers. (SAGE, 2014).

49.

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

50.

Fletcher, M. & Mooney, C. Primary mathematics: audit and test. vol. Achieving QTS (SAGE, 2014).

51.

Mooney, C., Hansen, A., Ferrie, L., Fox, S. & Wrathmell, R. Primary mathematics: knowledge and understanding. (Learning Matters, 2021).

52.

Davis, A., Goulding, M. & Suggate, J. Mathematical knowledge for primary teachers. (Routledge, Taylor & Francis Group, 2017).

53.

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

54.

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

55.

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

56.

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

57.

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

58.

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