

Primary PGCE Maths Additional Reading

This list contains additional suggested reading

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

7.

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

8.

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

9.

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

10.

English, R.: Teaching arithmetic in primary schools. Learning Matters, London (2013).

11.

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

12.

Hansen, A.: Primary mathematics. Learning Matters, Exeter (2008).

13.

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

14.

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

15.

Haylock, D., Thangata, F.: Key concepts in teaching primary mathematics. SAGE Publications, London (2007).

16.

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

17.

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

18.

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

19.

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

20.

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

21.

Pound, L., Lee, T.: Teaching mathematics creatively. Routledge, Taylor & Francis Group, London (2015).

22.

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

Knowledge Quartet. SAGE, London (2009).

23.

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

24.

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

25.

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

26.

Way, J., Beardon, T.: ICT and primary mathematics. Open University Press, Maidenhead (2003).

27.

Witt, M. ed: Primary mathematics for trainee teachers. SAGE, Learning Matters, Los Angeles (2014).

28.

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

29.

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

30.

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

31.

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

32.

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

33.

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

34.

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

35.

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

36.

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

37.

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

38.

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

39.

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

40.

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

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

42.

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

43.

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

44.

Bird, R.: The dyscalculia toolkit: supporting learning difficulties in maths. SAGE, London (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. SAGE, Los Angeles, [Calif.] (2007).

48.

Haylock, D., Haylock, D.: Student workbook for Mathematics explained for primary teachers. SAGE, Los Angeles (2014).

49.

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

50.

Fletcher, M., Mooney, C.: Primary mathematics: audit and test. SAGE, Los Angeles (2014).

51.

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

52.

Davis, A., Goulding, M., Suggate, J.: Mathematical knowledge for primary teachers. Routledge, Taylor & Francis Group, London (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/>.