

Primary PGCE Maths Additional Reading

This list contains additional suggested reading

View Online



1.

Haylock D, Manning R. Mathematics explained for primary teachers. 5th edition. Los Angeles: SAGE; 2014.

2.

Cotton T. Understanding and teaching primary mathematics [Internet]. Third edition. London: Routledge, Taylor & Francis Group; 2016. Available from: <http://ebookcentral.proquest.com/lib/uea/detail.action?docID=4533666>

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Tucker K. Mathematics through play in the early years. Third edition. Los Angeles: SAGE; 2014.

4.

Montague-Smith A, Price A, Montague-Smith A. Mathematics in early years education [Internet]. 3rd ed. Abingdon: Routledge; 2012. Available from: <https://ebookcentral.proquest.com/lib/uea/detail.action?docID=1143677>

5.

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

6.

Boaler J. The elephant in the classroom: helping children learn and love maths [Internet]. Revised and updated paperback edition. London: Souvenir Press; 2015. Available from: <https://ebookcentral.proquest.com/lib/uea/detail.action?docID=710417>

7.

Briggs M, Davis S. Creative teaching: mathematics in the primary classroom [Internet]. Second edition. Vol. Creative teaching. New York: Routledge/ Taylor & Francis Group; 2015. Available from: <https://uea.idm.oclc.org/login?url=https://www.taylorfrancis.com/books/9781315752587>

8.

Cockburn A. Teaching mathematics with insight: the identification, diagnosis and remediation of young children's mathematical errors [Internet]. London: Falmer; 1998. Available from: <https://ebookcentral.proquest.com/lib/uea/detail.action?milDocID=16510>

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Drews D, Hansen A. Using resources to support mathematical thinking: primary and early years. Vol. Achieving QTS : practical handbooks. Exeter: Learning Matters; 2007.

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English R. Teaching arithmetic in primary schools [Internet]. Vol. Transforming primary QTS. London: Learning Matters; 2013. Available from: <http://search.ebscohost.com/login.aspx?direct=true&db=nlebk&AN=980969&authtype=sso&custid=s8993828&site=ehost-live&scope=site>

11.

Gelman R, Gallistel CR. The child's understanding of number [Internet]. Cambridge, Mass: Harvard University Press; 1986. Available from: <http://search.ebscohost.com/login.aspx?direct=true&db=nlebk&AN=282613&authtype=sso&custid=s8993828&site=ehost-live&scope=site>

12.

Hansen A. Primary mathematics [Internet]. Vol. Achieving QTS. Extending knowledge in practice. Exeter: Learning Matters; 2008. Available from:
<https://ebookcentral.proquest.com/lib/UEA/detail.action?docID=686449>

13.

Hansen A. Children's errors in mathematics [Internet]. Fifth edition. Hansen A, editor. Los Angeles: Learning Matters; 2020. Available from:
<https://app.talis.com/textbooks/9781529729351>

14.

Haylock D, Cockburn A. Understanding mathematics for young children: a guide for teachers of children 3-8 [Internet]. 4th edition. Los Angeles: SAGE; 2012. Available from:
<https://app.talis.com/textbooks/9781526410016>

15.

Haylock D, Thangata F. Key concepts in teaching primary mathematics [Internet]. Vol. Sage key concepts. London: SAGE Publications; 2007. Available from:
<https://uea.idm.oclc.org/login?url=http://www.credoreference.com/book/sageuktpm>

16.

Harries T, Spooner M. Mental mathematics for the numeracy hour [Internet]. London: David Fulton; 2000. Available from:
<https://ebookcentral.proquest.com/lib/uea/detail.action?docID=1583181>

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Murray J, Koshy V. Unlocking mathematics teaching [Internet]. 2nd ed. Abingdon: Routledge; 2011. Available from:
<https://ebookcentral.proquest.com/lib/uea/detail.action?docID=672415>

18.

Mooney C. Primary mathematics: teaching theory and practice [Internet]. 9th edition. London: Learning Matters; 2021. Available from:
<https://app.talis.com/textbooks/9781529754995>

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Noyes A. Rethinking school mathematics [Internet]. London: SAGE Publications; 2007. Available from: <https://ebookcentral.proquest.com/lib/uea/detail.action?docID=354930>

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Pepperell S. Mathematics in the primary school: a sense of progression [Internet]. 3rd ed. Abingdon: Routledge; 2009. Available from: <https://ebookcentral.proquest.com/lib/uea/detail.action?docID=1656264>

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Pound L, Lee T. Teaching mathematics creatively [Internet]. Second edition. Vol. The learning to teach in the primary school series. London: Routledge, Taylor & Francis Group; 2015. Available from: <https://ebookcentral.proquest.com/lib/uea/detail.action?docID=2034064>

22.

Rowland T. Developing primary mathematics teaching: reflecting on practice with the Knowledge Quartet [Internet]. London: SAGE; 2009. Available from: <https://ebookcentral.proquest.com/lib/uea/detail.action?docID=783497>

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Thompson I. Teaching and learning early number [Internet]. 2nd ed. Maidenhead: Open University Press; 2008. Available from: <https://ebookcentral.proquest.com/lib/uea/detail.action?docID=409780>

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Thompson I. Issues in teaching numeracy in primary schools [Internet]. 2nd ed. Maidenhead: Open University Press; 2010. Available from: <https://ebookcentral.proquest.com/lib/uea/detail.action?docID=771428>

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Thompson I. Enhancing primary mathematics teaching and learning [Internet]. Maidenhead: Open University Press; 2003. Available from: <https://ebookcentral.proquest.com/lib/uea/detail.action?milDocID=94820>

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Way J, Beardon T. ICT and primary mathematics [Internet]. Vol. Learning and teaching with ICT. Maidenhead: Open University Press; 2003. Available from: <https://ebookcentral.proquest.com/lib/uea/detail.action?docID=295525>

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Witt M, editor. Primary mathematics for trainee teachers. Vol. Transforming primary QTS. Los Angeles: SAGE, Learning Matters; 2014.

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Carruthers E, Worthington M. Children's mathematics: making marks, making meaning [Internet]. 2nd ed. London: Paul Chapman; 2006. Available from: <https://ebookcentral.proquest.com/lib/uea/detail.action?docID=334337>

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Carruthers E, Worthington M. Understanding children's mathematical graphics: beginnings in play [Internet]. Maidenhead: Open University Press; 2011. Available from: <https://ebookcentral.proquest.com/lib/uea/detail.action?docID=729516>

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Gelman R, Gallistel CR. The child's understanding of number [Internet]. Cambridge, Mass: Harvard University Press; 1986. Available from: <http://search.ebscohost.com/login.aspx?direct=true&db=nlebk&AN=282613&authtype=sso&custid=s8993828&site=ehost-live&scope=site>

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Gifford S. Teaching mathematics 3-5: developing learning in the foundation stage [Internet]. Maidenhead: Open University Press; 2005. Available from: <https://ebookcentral.proquest.com/lib/uea/detail.action?docID=287879>

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Headington R. Supporting numeracy: a handbook for those who assist in early years settings [Internet]. Second edition. Oxfordshire, England: Routledge; 2012. Available from: <https://ebookcentral.proquest.com/lib/uea/detail.action?docID=1583216>

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

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Kamii C, Joseph LL. Young children continue to reinvent arithmetic--2nd grade: implications of Piaget's theory. 2nd ed. Vol. Early childhood education series. New York: Teachers College Press; 2004.

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McGrath C. Supporting early mathematical development: practical approaches to play based learning [Internet]. Abingdon: Routledge; 2010. Available from: <https://ebookcentral.proquest.com/lib/UEA/detail.action?docID=557307>

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Pound L. Supporting mathematical development in the early years [Internet]. 2nd ed. Vol. Supporting early learning. Maidenhead: Open University Press; 2006. Available from: <https://ebookcentral.proquest.com/lib/uea/detail.action?docID=295442>

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Taylor H, Harris A, editors. Learning and teaching mathematics 0-8. First edition. London: SAGE; 2014.

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Thompson I. Teaching and learning early number [Internet]. 2nd ed. Maidenhead: Open University Press; 2008. Available from:

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Cockburn A, Littler GH. Mathematical misconceptions: a guide for primary teachers [Internet]. London: SAGE; 2008. Available from:
<https://ebookcentral.proquest.com/lib/uea/detail.action?docID=584719>

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Hansen A. Children's errors in mathematics [Internet]. Fifth edition. Hansen A, editor. Los Angeles: Learning Matters; 2020. Available from:
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Hughes M. Children and number: difficulties in learning mathematics. Oxford: Basil Blackwell; 1986.

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Ryan J, Williams J. Children's mathematics 4-15: learning from errors and misconceptions [Internet]. Maidenhead: Open University Press; 2007. Available from:
<https://ebookcentral.proquest.com/lib/uea/detail.action?docID=316320>

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Chinn SJ. The trouble with maths: a practical guide to helping learners with numeracy difficulties [Internet]. 2nd ed. London: Routledge; 2012. Available from:
<https://ebookcentral.proquest.com/lib/uea/detail.action?docID=957934>

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Bird R. The dyscalculia toolkit: supporting learning difficulties in maths [Internet]. 2nd ed. London: SAGE; 2013. Available from:
<http://search.ebscohost.com/login.aspx?direct=true&db=nlebk&AN=1099421&authtype=sso&custid=s8993828&site=ehost-live&scope=site>

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Math and Dyscalculia | LD OnLine [Internet]. Available from: <http://www.ldonline.org/indepth/math/>

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Home Page : nrich.maths.org [Internet]. Available from: <http://nrich.maths.org/frontpage>

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Cooke H, Cooke H, Open University. Mathematics for primary and early years [Internet]. 2nd ed. Vol. Developing subject knowledge. Los Angeles, [Calif.]: SAGE; 2007. Available from: <https://ebookcentral.proquest.com/lib/uea/detail.action?docID=334623>

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Haylock D, Haylock D. Student workbook for Mathematics explained for primary teachers. [New edition]. Los Angeles: SAGE; 2014.

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

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Fletcher M, Mooney C. Primary mathematics: audit and test [Internet]. 4th edition. Vol. Achieving QTS. Los Angeles: SAGE; 2014. Available from: <https://ebookcentral.proquest.com/lib/uea/detail.action?docID=1657945>

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Mooney C, Hansen A, Ferrie L, Fox S, Wrathmell R. Primary mathematics: knowledge and understanding [Internet]. Ninth edition. Los Angeles: Learning Matters; 2021. Available from: <https://app.talis.com/textbooks/9781529754957>

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Davis A, Goulding M, Suggate J. Mathematical knowledge for primary teachers [Internet]. Fifth edition. London: Routledge, Taylor & Francis Group; 2017. Available from: <http://ebookcentral.proquest.com/lib/uea/detail.action?docID=4809837>

53.

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

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Centre for Innovation in Mathematics Teaching [Internet]. Available from: <http://www.cimt.org.uk/menus/tests.htm>

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The Math Forum - Ask Dr. Math [Internet]. Available from: <http://mathforum.org/dr.math/>

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

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Resources - NCETM [Internet]. Available from: <https://www.ncetm.org.uk/resources>

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Index - National Council of Teachers of Mathematics [Internet]. Available from: <http://www.nctm.org/>