

EDS011-3: Mathematical Problem Solving

[View Online](#)

1.

Mason, John, Burton, Leone, Stacey, Kaye. Thinking Mathematically. 2nd ed. Pearson; 2010.
<https://www.vlebooks.com/vleweb/product/openreader?id=BedsUni&isbn=9780273728924>

2.

Haylock, Derek, Manning, Ralph. Mathematics Explained for Primary Teachers. 5th edition. Sage Publications; 2014.

3.

Haylock D, Manning R. Key processes in mathematical reasoning. In: Mathematics Explained for Primary Teachers. 5th edition. Sage Publications; 2014:37-51.
<https://contentstore.cla.co.uk/secure/link?id=4eba50d6-b5b7-e611-80c7-005056af4099>

4.

Askew, M. Chapter 7: Word problems: Cinderellas or wicked witches? In: Enhancing Primary Mathematics Teaching and Learning. Open University Press; 2003:78-85.
<http://www.vlebooks.com/vleweb/product/openreader?id=BedsUni&isbn=9780335228065>

5.

Askew M. Transforming Primary Mathematics: Understanding Classroom Tasks, Tools, and Talk. Updated and revised edition. Routledge; 2016.
<https://www.vlebooks.com/vleweb/product/openreader?id=BedsUni&isbn=9781315667256>

6.

Askew, Mike. Transforming Primary Mathematics. Routledge; 2012.
<http://library.beds.ac.uk/record=b1492217~S20>

7.

Barmby, Patrick, Bolden, David, Thompson, Lynn. Understanding and Enriching Problem Solving in Primary Mathematics. Vol Critical teaching. Critical Publishing; 2014.
<https://www.vlebooks.com/vleweb/product/openreader?id=BedsUni&isbn=9781909330719>

8.

Barmby, Patrick, Bolden, David, Thompson, Lynn. Understanding and Enriching Problem Solving in Primary Mathematics. Vol Critical teaching. Critical Publishing; 2014.
<http://www.vlebooks.com/vleweb/product/openreader?id=BedsUni&isbn=9781909330726>

9.

Barmby, Patrick, Bilsborough, Lynn. Primary Mathematics: Teaching for Understanding. Open University Press; 2009.
<https://www.vlebooks.com/vleweb/product/openreader?id=BedsUni&isbn=9780335239115>

10.

Briggs, Mary. Teaching and Learning Early Years Mathematics: Subject and Pedagogic Knowledge. Vol Critical teaching. Critical Publishing; 2013.
<https://www.vlebooks.com/vleweb/product/openreader?id=BedsUni&isbn=9781909330399>

11.

Cotton T. Understanding and Teaching Primary Mathematics. Third edition. Routledge; 2016.
<https://www.vlebooks.com/vleweb/product/openreader?id=BedsUni&isbn=9781315695525>

12.

Fox, Sue, Surtees, Liz. Mathematics across the Curriculum: Problem-Solving, Reasoning, and Numeracy in Primary Schools. Continuum International; 2010.
<https://www.vlebooks.com/vleweb/product/openreader?id=BedsUni&isbn=9781441198150>

13.

Hansen, Alice, Drews, Doreen. Using Resources to Support Mathematical Thinking: Primary and Early Years. Vol Achieving QTS : practical handbooks. Learning Matters; 2007.
<https://www.vlebooks.com/vleweb/product/openreader?id=BedsUni&isbn=9781844457960>

14.

Haylock D, Cockburn A. Understanding Mathematics for Young Children: A Guide for Teachers of Children 3-8. 4th ed. SAGE; 2013.
<http://www.vlebooks.com/vleweb/product/openreader?id=BedsUni&isbn=9781446276440>

15.

Hopkins C, Pope S, Pepperell S. Understanding Primary Mathematics. David Fulton; 2004.
<http://library.beds.ac.uk/record=b1607608~S20>

16.

Jones, L. Chapter 8: The problem with problem solving. In: Enhancing Primary Mathematics Teaching and Learning. Open University Press; 2003:86-99.
<http://www.vlebooks.com/vleweb/product/openreader?id=BedsUni&isbn=9780335228065>

17.

McAteer M. Improving Primary Mathematics Teaching and Learning. Open University Press; 2012. <http://library.beds.ac.uk/record=b1597584~S20>

18.

Montague-Smith A, Price A, Montague-Smith A. Mathematics in Early Years Education. 3rd ed. Routledge; 2012. <http://library.beds.ac.uk/record=b1605819~S20>

19.

Pólya, George, Sloan, Sam. How to Solve It: A New Aspect of Mathematical Method. 2nd ed. Ishi Press International; 2009.

<http://ebookcentral.proquest.com/lib/bedfordshire/detail.action?docID=767228>

20.

Whimbey, Arthur, Lochhead, Jack, Narode, Ronald. Problem Solving and Comprehension. 7th ed. Routledge; 2013.

<http://www.vlebooks.com/vleweb/product/openreader?id=BedsUni&isbn=9781136475221>

21.

Wickelgren, Wayne A. How to Solve Mathematical Problems. Dover; 1995.

22.

Askew, Mike, Brown, Margaret, Wiliam, Dylan, Johnson, David, Rhodes, Valerie. Effective Teachers of Numeracy: Report of a Study Carried Out for the Teacher Training Agency. Published online 1997. <http://www.leeds.ac.uk/educol/documents/000000385.htm>

23.

Bransford, John D., Stein, Barry S. The Ideal Problem Solver: A Guide for Improving Thinking, Learning and Creativity. 2nd ed. W.H.Freeman; 1993.

24.

Lumsdaine, Edward, Lumsdaine, Monika. Creative Problem Solving: Thinking Skills for a Changing World. Vol McGraw-Hill international editions. [New ed.]. McGraw-Hill; 1995.

25.

Briggs, Mary, Hansen, Alice, McCullouch, Judith, Fletcher, Mike, Mooney, Claire. Primary Mathematics: Teaching Theory and Practice. Vol Achieving QTS. Seventh edition. Learning Matters; 2014.

26.

Mooney, Claire, Hansen, Alice, Ferrie, Lindsey, Wrathmell, Reg. Primary Mathematics: Knowledge and Understanding. Vol Achieving QTS. Seventh edition. Learning Matters; 2014.

27.

Mathematics teaching.

<https://publications.ebsco.com/details/47589?custId=s5099118&groupId=main&profileId=pfui>

28.

Mathematics in school.

<https://shibbolethsp.jstor.org/start?entityID=https%3A%2F%2Fidp.beds.ac.uk%2Fentity&site=jstor&dest=https://www.jstor.org/action/showPublication?journalCode=mathschool>

29.

Primary mathematics.

30.

Department for Education. Curriculum and qualifications. 2015.

<https://www.gov.uk/schools-colleges-childrens-services/curriculum-qualifications>

31.

British Society for Research into Learning Mathematics. <http://www.bsrlm.org.uk/>

32.

Advisory Committee on Mathematics Education - ACME.

<https://royalsociety.org/about-us/committees/advisory-committee-on-mathematics-education-on-acme-5/>

33.

DISCOVER (Resource Discovery Platform). <http://lrweb.beds.ac.uk/discover>

34.

Education Databases. <https://lrweb.beds.ac.uk/education/using/>