GRADE 7 MATHEMATICS

Bibliography

BIBLIOGRAPHY

- Earl, Lorna M., Steven Katz, and Western and Northern Canadian Protocol for Collaboration in Education. *Rethinking Classroom Assessment with Purpose in Mind: Assessment for Learning, Assessment as Learning, Assessment of Learning.* Winnipeg, MB: Manitoba Education, Citizenship and Youth, 2006. Available online at www.edu.gov.mb.ca/k12/assess/wncp/index.html.
- Gravett, Emily. The Rabbit Problem. London, UK: Macmillan Children's Books, 2009.
- Kilpatrick, J., J. Swafford, and B. Findell, eds. *Adding it Up: Helping Children Learn Mathematics*. Washington, DC: National Academy Press, 2001.
- MacPherson, Eric D., and Leon A. Rousseau. *A Nomological Network for Elementary School Mathematics*. 6th ed. Winnipeg, MB: The University of Manitoba, 1994.
- Manitoba Education. *Grade 5 Mathematics: Support Document for Teachers.* Winnipeg, MB: Manitoba Education, 2009. Available online at www.edu.gov.mb.ca/k12/cur/math/support_gr5/index.html.

- Manitoba Education and Advanced Learning. *Glance Across the Grades: Kindergarten to Grade 9 Mathematics*. Winnipeg, MB: Manitoba Education and Advanced Learning, 2015. Available online at www.edu.gov.mb.ca/k12/cur/math/glance_k-9/index. html.
- . Middle Years Assessment: Grade 7 Mathematics: Support Document for Teachers: English Program. Winnipeg, MB: Manitoba Education and Advanced Learning, 2015. Available online at www.edu.gov.mb.ca/k12/assess/support/math7/.
- Manitoba Education and Training. *Grades 5 to 8 Mathematics: A Foundation for Implementation*. Winnipeg, MB: Manitoba Education and Training, 1997.
- . Success for All Learners: A Handbook on Differentiating Instruction: A Resource for Kindergarten to Senior 4. Winnipeg, MB: Manitoba Education and Training, 1996.
- Manitoba Education, Citizenship and Youth. *Grades 9 to 12 Mathematics: Manitoba Curriculum Framework of Outcomes*. Winnipeg, MB: Manitoba Education, Citizenship and Youth, 2009. Available online at www.edu.gov.mb.ca/k12/cur/math/framework_9-12/.
- . Kindergarten to Grade 8 Mathematics Glossary: Support Document for Teachers. Winnipeg, MB: Manitoba Education, Citizenship and Youth, 2009. Available online at www.edu.gov.mb.ca/k12/cur/math/glossary_k-8/index.html.

Bibliography ■ **3**

- McCallum, Ann. *Rabbits Rabbits Everywhere: A Fibonnaci Tale.* Illus. Gideon Kendall. Watertown, MA: Charlesbridge Publishing Inc., 2007.
- Neuschwander, Cindy. *Sir Cumference and the Isle of Immeter: A Math Adventure.* Illus. Wayne Geehan. Watertown, MA: Charlesbridge Publishing Inc., 2006.
- . Sir Cumference and the Viking Map: A Math Adventure. Illus. Wayne Geehan. Watertown, MA: Charlesbridge Publishing Inc., 2012.
- OECD (Organisation for Economic Co-operation and Development). PISA 2012 Field Trial Problem Solving Framework. September 30, 2012. www.oecd.org/pisa/pisaproducts/46962005.pdf.
- Ontario. Ministry of Education. *The Ontario Curriculum Grades 1–8: Mathematics*. Ontario: Ministry of Education, 2005. Available online at www.edu.gov.on.ca/eng/curriculum/elementary/math18curr.pdf.
- Sachar, Louis. *More Sideways Arithmetic from Wayside School*. New York, NY: Scholastic Inc., 1994.
- . Sideways Arithmetic from Wayside School. New York, NY: Scholastic Inc., 1989.
- Small, Marian. *Making Math Meaningful to Canadian Students, K–8.* Toronto, ON: Nelson Education Ltd., 2009.
- Timmons, Daniel L., Catherine W. Johnson, and Sonya M. McCook. *Fundamentals of Algebraic Modeling: An Introduction to Mathematical Modeling with Algebra and Statistics*. 5th ed. Belmont, CA: Brooks/Cole Cengage Learning, 2010.
- Van de Walle, John A., and Sandra Folk. *Elementary and Middle School Mathematics: Teaching Developmentally.* 2nd Canadian ed. Toronto, ON: Pearson Education Canada, 2010.
- Van de Walle, John A., and LouAnn H. Lovin. *Teaching Student-Centered Mathematics Grades 5–8*. Boston, MA: Pearson Education, Inc., 2006.
- Western and Northern Canadian Protocol (WNCP). *The Common Curriculum Framework for K–9 Mathematics*. Edmonton, AB: Governments of Alberta, British Columbia, Manitoba, Northwest Territories, Nunavut Territory, Saskatchewan, and Yukon Territory, May 2006. Available online at www.wncp.ca/english/subjectarea/mathematics/ccf.aspx.

Websites

Any websites referenced in this document are subject to change. Educators are advised to preview and evaluate websites and online resources before recommending them for student use.

Barile, Margherita. "Eye of Horus Fractions." *MathWorld*. 1999–2012. A Wolfram Web Resource, created by Eric W. Weisstein. http://mathworld.wolfram.com/EyeofHorusFraction.html (12 Jan. 2012).

- BBC. "Shape, Space and Measures." *KS2 Bitesize*. 2011. www.bbc.co.uk/schools/ks2bitesize/maths/shape_space/transformation/play.shtml (19 July 2011).
- Bogomolny, A. "Area of Triangle." *Interactive Mathematics Miscellany and Puzzles*. 1996–2011. www.cut-the-knot.org/Curriculum/Geometry/AreaOfTriangle.shtml (20 Dec. 2011).
- Broderick, Shawn D. "Essay 2: Constructing Regular Polygons." *Jim Wilson, University of Georgia*. http://jwilson.coe.uga.edu/EMAT6680Fa08/Broderick/essay2/essay2.html (26 May 2016).
- Crossword Puzzle Games. *Create a Crossword Puzzle*. 2003. www.crosswordpuzzlegames.com/create.html (28 Dec. 2011).
- "File:Overhand-folded-ribbon-pentagon.svg." Wikipedia: The Free Encyclopedia. Wikimedia Foundation, Inc. https://commons.wikimedia.org/wiki/File:Overhand-folded-ribbon-pentagon.svg?uselang=en-ca (26 May 2016).
- FunBased Learning. "Medium Version of Graph Mole." *Graphing*. 2007. http://funbasedlearning.com/algebra/graphing/points2/ (19 July 2011).
- GreatScott.com. "Eye of Horus Fractions." *Hieroglyphs.* 1998–2011. www.greatscott.com/hiero/eye.html (12 Jan. 2012).
- "How to Construct Regular Polygons Using a Circle." wikiHow. www.wikihow.com/ Construct-Regular-Polygons-Using-a-Circle (26 May 2016).
- Lawrence, Snezana. "Eye of Horus Fractions." *Maths Is Good for You!* www.mathsisgoodforyou.com/topicsPages/egyptianmaths/horusfractions.htm (12 Jan. 2012).
- Manitoba Education. "Middle Years Activities and Games." *Mathematics*. www.edu.gov.mb.ca/k12/cur/math/my_games/index.html (19 July 2011).
- The Math Forum @ Drexel. "Ancient Greek Maps." *Chameleon Graphing*. 1994–2011. http://mathforum.org/cgraph/history/greekmaps.html (19 July 2011).
- MathIsFun.com. "Symmetry Artist." *Geometry*. 2011. www.mathsisfun.com/geometry/symmetry-artist.html (19 July 2011).
- Math Open Reference. *Angles*. 2009. www.mathopenref.com/tocs/anglestoc.html (23 Nov. 2011).
- . "Area of a Triangle." *Triangles*. 2009. www.mathopenref.com/trianglearea.html (24 Nov. 2011).
- . "Central Angle." *Circles*. 2009. www.mathopenref.com/circlecentral.html (19 July 2011).
- . Circles. 2009. www.mathopenref.com/tocs/circlestoc.html (23 Nov. 2011).
- Math-Play.com. "The Coordinate Plane." Coordinate Plane Game. www.math-play.com/ Coordinate%20Plane%20Game/Coordinate%20Plane%20Game.html (19 Nov. 2011).

Bibliography ■ 5

- ———. *Probability Game*. 2007. www.math-play.com/Probability-Game.html (19 July 2011).
- Math Playground. "Circle Graphs." *Math Manipulatives*. 2010. www.mathplayground.com/piechart.html (19 July 2011).
- "Nonagon." Wikipedia: The Free Encyclopedia. Wikimedia Foundation, Inc. https://en.wikipedia.org/wiki/Nonagon (26 May 2016).
- Plotting Coordinates.com. *CoordinArt News*. 2008–2010. www.plottingcoordinates.com/coordinartnews.html (19 July 2011).
- Reed, Jim. "33.01 The Coordinate Plane." *Grade 7: The Learning Equation Math.* 1999. http://staff.argyll.epsb.ca/jreed/math7/strand3/3301.htm (19 July 2011).
- Scweb4free.com. *Circle Graphs Game*. 2009. www.scweb4free.com/circle.html (19 July 2011).
- Shodor. "Experimental Probability." *Interactive*. 1994–2011. www.shodor.org/interactivate/activities/ExpProbability/ (19 July 2011).
- . "Transmographer." *Interactive*. 1994–2011. www.shodor.org/interactivate/activities/Transmographer/ (19 July 2011).
- Stapel, Elizabeth. Purplemath. 1999-2011. www.purplemath.com (19 July 2011).
- Statistics Canada. www.statcan.gc.ca/ (3 Sept. 2015).
- Stich, Mike. "Parallelogram." 26 May 2006. *flickr*. www.flickr.com/photos/mdstich/357560359/ (19 July 2011).
- U.S. Department of Education. Institute of Education Sciences, National Center for Education Statistics. "Create a Graph." *Kids' Zone, Learning with NCES*. http://nces.ed.gov/nceskids/createagraph/ (19 July 2011).
- Utah State University. "Data Analysis and Probability." *National Library of Virtual Manipulatives*. 1999–2010. http://nlvm.usu.edu/en/nav/topic_t_5.html (19 July 2011).
- _____. *National Library of Virtual Manipulatives*. 1999–2010. http://nlvm.usu.edu/en/nav/vlibrary.html (19 July 2011).
- . "Number and Operations (Grades 3–5)." *National Library of Virtual Manipulatives*. 1999–2010. http://nlvm.usu.edu/en/nav/category_g_2_t_1.html (19 July 2011).
- Wolfram Demonstrations Projects. *Symbol Rotation Patterns*. Contributed by Danielle Nogle. Based on a program by Chris Carlson. 2011. http://demonstrations.wolfram.com/SymbolRotationPatterns/ (19 July 2011).
- World-Mysteries.com. "Fibonacci Numbers in Nature and the Golden Ratio." *Science Mysteries*. 2002–2011. http://old.world-mysteries.com/sci_17.htm (10 June 2016).