

Literature List for Grades 4–6



Your child will enjoy reading literature related to mathematics at home. Many of these titles can be found in your local library.

Grade 4

Unit 1

Demi

One Grain of Rice: A Mathematical Folktale
Scholastic, 1997

Giganti, Paul, Jr.

*Each Orange Had 8 Slices:
A Counting Book*
Greenwillow Books, 1999

Merriam, Eve

12 Ways to Get to 11
Aladdin, 1996

Michelson, Richard

Ten Times Better
Marshall Cavendish Children's Books, 2000

Murphy, Stuart J.

Betcha!
HarperCollins, 1997

Murphy, Stuart J.

Safari Park
Great Source, 2001

Pinczes, Elinor J.

My Full Moon Is Square
Houghton Mifflin Books for Children, 2002

Pittman, Helena Clare

A Grain of Rice
Yearling, 1995

Schmandt-Besserat, Denise

The History of Counting
Scholastic, 1999

Schwartz, David M.

How Much Is a Million?
HarperCollins, 2004

Schwartz, David M.

On Beyond a Million: An Amazing Math Journey
Dragonfly Books, 2001

Unit 2

Adler, David A.

Shape Up! Fun with Triangles and Other Polygons
Holiday House, 2000

Burns, Marilyn

The Greedy Triangle
Scholastic Paperbacks, 2008

Emberley, Ed

Ed Emberley's Picture Pie: A Cut and Paste Drawing Book
LB Kids, 2006

Greene, Rhonda Gowler

When a Line Bends . . . A Shape Begins
HMH Books for Young Readers, 2001

Hoban, Tana

Shadows and Reflections
Greenwillow Books, 1990

Hong, Lily Toy

Two of Everything
Albert Whitman & Company, 1993

Hulme, Joy N.

Sea Squares
Hyperion Books, 1999

Jonas, Ann

Reflections
Greenwillow Books, 1987

Macaulay, David

Castle
HMH Books for Young Readers, 1982

Munsch, Robert
Moir's Birthday
Annick Press, 1992

Neuschwander, Cindy
Mummy Math: An Adventure in Geometry
Square Fish, 2009

Schwartz, David M.
How Much Is a Million?
HarperCollins, 2004

Singer, Marilyn
Nine O'Clock Lullaby
HarperCollins, 1993

Unit 3

Dahl, Michael
*The Everything Kids' Joke Book:
Side-Splitting, Rib-Tickling Fun*
Adams Media, 2002

Dodds, Dayle Ann
Full House: An Invitation to Fractions
Candlewick, 2009

Gifford, Scott
*Piece = Part = Portion: Fractions =
Decimals = Percents*
Tricycle Press, 2008

Murphy, Stuart J.
Give Me Half!
Great Source, 1996

Unit 4

Hopkinson, Deborah
*Fannie in the Kitchen: The Whole Story
from Soup to Nuts of How Fannie
Farmer Invented Recipes with Precise
Measurements*
Aladdin, 2004

Leedy, Loreen
Follow the Money
Holiday House, 2003

Schwartz, David M.
If You Made a Million
HarperCollins, 1994

Schwartz, David M.
Millions to Measure
HarperCollins, 2006

Zimelman, Nathan
*How the Second Grade Got \$8,205.50
to Visit the Statue of Liberty*
Albert Whitman & Company, 1992

Unit 5

Jenkins, Steve
Actual Size
HMH Books for Young Readers, 2011

Lee, Huy Voun
1, 2, 3, Go!
Henry Holt and Company, 2001

Myller, Rolf
How Big Is a Foot?
Yearling, 1991

Neuschwander, Cindy
*Sir Cumference and the Great Knight of
Angleland: A Math Adventure*
Charlesbridge, 2001

Schwartz, David M.
If You Hopped Like a Frog
Scholastic, 2000

Unit 6

Adler, David A.
How Tall, How Short, How Far Away?
Holiday House, 2000

Borden, Louise
Sea Clocks: The Story of Longitude
Margaret K. McElderry Books, 2004

Literature List for Grades 4–6 continued

Neuschwander, Cindy
Sir Cumference and the Great Knight of Angleland: A Math Adventure
 Charlesbridge, 2001

Pinczes, Elinor J.
A Remainder of One
 HMH Books for Young Readers, 2002

Schwartz, David M.
Millions to Measure
 HarperCollins, 2006

Wells, Robert E.
Is a Blue Whale the Biggest Thing There Is?
 Albert Whitman & Company, 1993

Unit 7

Barry, Sheila Anne
Kids' Funniest Jokes
 Sterling, 1994

Dodds, Dayle Ann
Full House: An Invitation to Fractions
 Candlewick, 2009

Hopkinson, Deborah
Fannie in the Kitchen: The Whole Story from Soup to Nuts of How Fannie Farmer Invented Recipes with Precise Measurements
 Aladdin, 2004

Schwartz, David M.
Millions to Measure
 HarperCollins, 2006

Unit 8

Cushman, Jean
Do You Wanna Bet? Your Chance to Find Out about Probability
 HMH Books for Young Readers, 2007

Haskins, Jim, and Kathleen Benson
Count Your Way through Brazil
 Lerner Publishing Group, 1996

Haskins, Jim
Count Your Way through China
 Carolrhoda Books, 1987

Haskins, Jim
Count Your Way through Japan
 Lerner Publishing Group, 1987

Haskins, Jim
Count Your Way through Russia
 Lerner Classroom, 1987

Sachar, Louis
Sideways Arithmetic from Wayside School
 Scholastic Paperbacks, 1994

Schwartz, David M.
If Dogs Were Dinosaurs
 Scholastic, 2005

Tang, Greg
The Grapes of Math
 Scholastic Paperbacks, 2004

Grade 5

Unit 1

Allen, Pamela
Who Sank the Boat?
 Puffin, 1996

Burns, Marilyn
Spaghetti and Meatballs for All! A Mathematical Story
 Scholastic Paperbacks, 2008

Merriam, Eve
12 Ways to Get to 11
 Aladdin, 1996

Neuschwander, Cindy
Sir Circumference and the Sword in the Cone: A Math Adventure
 Charlesbridge, 2003

Pappas, Theoni
*Math Talk: Mathematical Ideas in Poems
 for Two Voices*
 Wide World Publishing/Tetra, 1993

Sleator, William
The Boy Who Reversed Himself
 Puffin, 1998

Unit 2

Anno, Masaichiro, and Mitsumasa Anno
Anno's Mysterious Multiplying Jar
 Penguin Putnam Books for
 Young Readers, 1999

Barry, David
*The Rajah's Rice: A Mathematical Folktale
 from India*
 W.H. Freeman and Company, 1994

Birch, David
The King's Chessboard
 Puffin, 1993

Clement, Rod
Counting on Frank
 Houghton Mifflin, 1994

Lee, Cora, and Gillian O'Reilly
*The Great Number Rumble: A Story of
 Math in Surprising Places*
 Annick Press, 2007

Pinczes, Elinor J.
A Remainder of One
 HMH Books for Young Readers, 2002

Sachar, Louis
Sideways Arithmetic from Wayside School
 Scholastic Paperbacks, 1994

Schwartz, David M.
How Much Is a Million?
 HarperCollins, 2004

Wells, Robert E.
Can You Count to a Googol?
 Albert Whitman & Company, 2000

Unit 3

Franco, Betsy
*Fourscore and 7: Investigating Math in
 American History*
 Good Year Books, 1999

Harshman, Marc
Only One
 Scholastic, 1993

Leedy, Loreen
Fraction Action
 Holiday House, 1996

Napoli, Donna Jo
The Wishing Club: A Story about Fractions
 Henry Holt and Company, 2007

Unit 4

Anno, Mitsumasa
Anno's Magic Seeds
 Puffin, 1999

Brunner-Jass, Renata
Finding the Treasure: Coordinate Grids
 Norwood House Press, 2013

Scieszka, Jon, and Lane Smith
Math Curse
 Viking Juvenile, 2007

Unit 5

Briggs, Raymond
Jim and the Beanstalk
 Puffin, 1997

Dahl, Roald
Esio Trot
 Puffin, 2009

Schwartz, David M.
G Is for Googol: A Math Alphabet Book
 Scholastic, 1999

Literature List for Grades 4–6 continued

Unit 6

Dodds, Dayle Ann
The Great Divide: A Mathematical Marathon
Candlewick, 2005

Murphy, Stuart J.
Room for Ripley
HarperCollins, 1999

Pinczes, Elinor J.
One Hundred Hungry Ants
HMH Books for Young Readers, 1999

Unit 7

Abbott, Edwin A.
Flatland: A Romance of Many Dimensions
Dover Publications, 1992

Burns, Marilyn
The Greedy Triangle
Scholastic Paperbacks, 2008

Ferrell, Karen
The Great Polygon Caper
Barron's Educational Series, 2008

Friedman, Aileen
A Cloak for the Dreamer
Scholastic Press, 1994

Nagda, Ann Whitehead, and Cindy Birkel
Tiger Math: Learning to Graph from a Baby Tiger
Square Fish, 2002

Neuschwander, Cindy
Sir Circumference and the First Round Table: A Math Adventure
Charlesbridge, 1997

Neuschwander, Cindy
Sir Circumference and the Sword in the Cone: A Math Adventure
Charlesbridge, 2003

Unit 8

Adler, David A.
Perimeter, Area, and Volume: A Monster Book of Dimensions
Holiday House, 2013

Allen, Pamela
Mr. Archimedes' Bath
Puffin, 1994

Cushman, Jean
Do You Wanna Bet? Your Chance to Find Out about Probability
HMH Books for Young Readers, 2007

Ellis, Julie
What's Your Angle, Pythagoras?
Charlesbridge, 2004

Lasky, Kathryn
The Librarian Who Measured the Earth
Houghton Mifflin, 2000

Leedy, Loreen
Measuring Penny
Square Fish, 2000

Neuschwander, Cindy
Sir Circumference and the Dragon of Pi: A Math Adventure
Charlesbridge, 1999

Schwartz, David M.
If You Hopped Like a Frog
Scholastic, 2000

Van Allsburg, Chris
Jumanji
Andersen Press, 2012

Grade 6

Unit 1

Ash, Russell
Factastic Book of 1,001 Lists
DK Children, 1999

Cushman, Jean
*Do You Wanna Bet? Your Chance to Find
 Out about Probability*
 HMH Books for Young Readers, 2007

Heymann, Tom
On an Average Day
 Ballantine Books, 1989

Huff, Darrell
How to Lie with Statistics
 W.W. Norton & Company,
 1954; reissued 1993

Jenkins, Steve
Hottest, Coldest, Highest, Deepest
 HMH Books for Young Readers, 2004

Murphy, Stuart J.
The Sundae Scoop
 HarperCollins, 2002

Unit 2

Anno, Mitsumasa
Anno's Magic Seeds
 Puffin, 1999

Neuschwander, Cindy
*Sir Circumference and the Dragon of Pi:
 A Math Adventure*
 Charlesbridge, 1999

Pappas, Theoni
*Math Talk: Mathematical Ideas in Poems
 for Two Voices*
 Wide World Publishing/Tetra, 1993

Schwartz, David M.
If You Hopped Like a Frog
 Scholastic, 2000

Schwartz, David M.
*On Beyond a Million:
 An Amazing Math Journey*
 Dragonfly Books, 2001

Sundby, Scott
*Cut Down to Size at High Noon:
 A Math Adventure*
 Charlesbridge, 2000

Unit 3

Gifford, Scott
*Piece = Part = Portion: Fractions =
 Decimals = Percents*
 Tricycle Press, 2008

Graydon, Shari
*Made You Look: How Advertising Works
 and Why You Should Know*
 Annick Press, 2013

Hopkins, Lee Bennett
Marvelous Math: A Book of Poems
 Simon & Schuster Books for
 Young Readers, 2001

Tang, Greg
*The Best of Times: Math Strategies
 That Multiply*
 Scholastic, 2003

Unit 4

Birch, David
The King's Chessboard
 Puffin, 1993

Lewis, J. Patrick
*Arithme-Tickle: An Even Number of Odd
 Riddle-Rhymes*
 HMH Books for Young Readers, 2007

Thompson, Lauren
One Riddle, One Answer
 Scholastic Press, 2001

Wells, Robert E.
Can You Count to a Googol?
 Albert Whitman & Company, 2000

Literature List for Grades 4–6 continued

Unit 5

Axelrod, Amy
Pigs on the Ball: Fun with Math and Sports
 Aladdin, 2000

Burns, Marilyn
The Greedy Triangle
 Scholastic Paperbacks, 2008

Clement, Rod
Counting on Frank
 Houghton Mifflin, 1994

Neuschwander, Cindy
Sir Circumference and the First Round
Table: A Math Adventure
 Charlesbridge, 1997

Neuschwander, Cindy
Sir Circumference and the Great Knight
of Angleland: A Math Adventure
 Charlesbridge, 2001

Editors of YES magazine
Fantastic Feats and Failures
 Kids Can Press, 2004

Unit 6

Pappas, Theoni
Math Talk: Mathematical Ideas in Poems
for Two Voices
 Wide World Publishing/Tetra, 1993

Schwartz, David M.
G Is for Googol: A Math Alphabet Book
 Scholastic, 1999

Scieszka, Jon, and Lane Smith
Math Curse
 Viking Juvenile, 2007

Unit 7

Birch, David
The King's Chessboard
 Puffin, 1993

Scieszka, Jon, and Lane Smith
Math Curse
 Viking Juvenile, 2007

Wells, Robert E.
What's Faster Than a Speeding Cheetah?
 Albert Whitman & Company, 1997

Unit 8

Geis, Patricia
Alexander Calder: Meet the Artist
 Princeton Architectural Press, 2014

Olson, Steve
Count Down: Six Kids Vie for Glory at the
World's Toughest Math Competition
 Houghton Mifflin Company, 2004

Paul, Ann Whitford
Eight Hands Round: A Patchwork Alphabet
 HarperCollins, 1996

Simon, Seymour
Our Solar System
 HarperCollins, 2014