

Topics and titles for connecting Math and Literature:

Addition/Subtraction

12 Ways to Get 11, Eve Merriam

*The 329th Friend, Marjorie Weinman Sharmat (lesson)

The Action of Subtraction, Brian Cleary

Centipede's 100 Shoes, Tony Ross

Each Orange Had 8 Slices, Paul Giganti (also multiplication)

Elevator Magic, Stuart Murphy (subtracting)

The Grapes of Math, Greg Tang

The King's Commissioners, Aileen Friedman (addition, skip counting)

Math Appeal, Greg Tang

Math Fables, Greg Tang

Math For All Seasons, Greg Tang

Math-terpieces, Greg Tang

Monster Math, Anne Miranda (counting)

Monster Musical Chairs, Stuart Murphy

My Little Sister Ate One Hare, Bill Grossman

Night Noises, Mem Fox (add up the relatives that visit)

Panda Math; Learning About Subtraction from Hua Mei and Mei Sheng, Ann Whitehead Nagda

*Pete the Cat and His Four Groovy Buttons, James Dean (subtracting from 4)

Ready, Set, Hop!, Stuart Murphy (building equations)

The Real Princess: A Mathematical Tale Brenda Williams (variety of problems)

Rooster's Off to See the World, Eric Carle

Safari Park, Stuart Murphy (finding unknowns)

Sea Sums, Joy Hulme

Shark Swimathon, Stuart Murphy (subtracting two-digit numbers)

Splash!, Ann Jonas

Subtraction Action, Loreen Leedy

Area/Perimeter

Spaghetti and Meatballs for All!, Marilyn Burns

Counting/Early Childhood Topics

10 Little Penguins, Jean-Luc Fromental

Anno's Counting Book, Mitsumasa Anno

Anno's Counting House, Mitsumasa Anno

Apple Countdown, Joan Holub

The April Rabbits, David Cleveland

Art 123, Stefano Zuffi (new publication, Sept 2011)

*The Button Box, Margarette Reid (lesson, lesson) (sorting)

Changes, Changes, Pat Hutchins (wordless picture book, building with blocks)
Count and See, Tana Hoban
*Equal, Shmequal, Virginia Kroll (equality) (review)
Grandma's Button Box, Linda Williams Aber
How Many Candles?, Helen Griffith
How Many Feet in the Bed?, Diana Hamm (count by 2s) (lesson)
How Many Snails?, Paul Giganti
In My Garden, Ward Schumaker
Is It Larger, Is It Smaller, Tana Hoban
Little Quack's Hide and Seek, Lauren Thompson
Icky Bug Counting Book, Jerry Pallotta
In My Garden, Ward Schumaker
The M&M's Counting Book, Barbara Barbieri McGrath
Monster Math, Grace Maccarone (Hello Math)
Monster Math, Ann Miranda
More, Fewer, Less, Tana Hoban (photos)
More or Less a Mess, Sheila Keenan (Hello Math) (sorting)
More Than One, Miriam Schlein (concept of one...one pair, one week, one dozen)
Nine Ducks Nine, Sarah Hayes
Ocean Counting, Jerry Pallotta (odd numbers)
One is a Snail Ten is a Crab April Pulley Sayre (odd/even #s) (review)
One, Two, Skip a Few! (review)
*Pete the Cat and His Four Groovy Buttons, James Dean
*Press Here, Herve Tullet (counting, position-Kinder standard)
Seaweed Soup, Stuart Murphy (matching sets)
The Sundae Scoop, Stuart Murphy (combinations)
Ten Black Dots, Donald Crews
Ten Little Elvi, Laura Henson (counting book for Elvis fans!)
Ten Little Fish, Audrey Wood
*Two Greedy Bears, Mirra Ginsburg (maybe early division?)
What Comes in 2's, 3's, & 4's, (Suzanne Aker)
What's a Pair? What's a Dozen?, Stephen Swinburne (explores number words)

Direction/Position

Bug Dance, Stuart Murphy (My 5yo loves this book. Big Book Edition available)
*Press Here, Herve Tullet (counting, position-Kinder standard)

Division

17 Kings and 42 Elephants, Margaret Mahy
A Remainder of One, Elinor J. Pinczes
Bean Thirteen, Matthew McElligot
Cheetah Math, Ann Whitehead Nagda

The Doorbell Rang, Pat Hutchins
Divide and Ride, Stuart Murphy
The Great Divide, Dayle Ann Dodds
One Hungry Cat, Joanne Rocklin (Hello Math)
*Two Greedy Bears, Mirra Ginsburg (maybe early division?)

Estimating

Betcha!, Stuart Murphy
The Candy Corn Contest, Patricia Reilly Giff (chapter bk) (review)
*Great Estimations, Bruce Goldstone (lesson, review)
*Greater Estimations, Bruce Goldstone (author letter, review)
*How Many Seeds in a Pumpkin, Margaret McNamara (review)

Fractions, Decimals, Percents
Apple Fractions, Jerry Pallotta
Eating Fractions, Bruce McMillan
Fabulous Fractions, Lynette Long
Fraction Action, Loreen Leedy
Fraction Fun, David Adler
Full House, Dayle Ann Dodds
Gator Pie, Louise Mathews (OOP)
The Grizzly Gazette, Stuart J. Murphy
The Hershey's Fraction Book, Jerry Pallotta
Jump, Kangaroo, Jump!, Stuart Murphy
The Lion's Share: A Tale of Halving Cake and Eating It, Too, Matthew McElligott (lesson)
*Little Numbers and Pictures That Show Just How Little They Are!, Edward Packard
Music Math, Kathleen Collins
*Picture Pie, Ed Emberley (lesson here, here)
Piece=Part=Portion, Scott Gifford
Twizzlers Percentages Book, Jerry Pallotta
The Wishing Club, Donna Jo Napoli (review)

Geometry

All About Where, Tana Hoban
The Amazing Book of Shapes: Explore Math Through Shapes and Patterns, Lydia Sharman (OOP)
Captain Invincible and the Space Shapes, Stuart J. Murphy (lesson)
*A Cloak for the Dreamer, Aileen Friedman (tessellations)(lesson here, here)
Changes, Changes, Pat Hutchins (wordless picture book, building with blocks)
Cubes, Cones, Cylinders, and Spheres, Tana Hoban
Eight Hands Round: A Patchwork Alphabet, Ann Whitford Paul (Quilts)
Grandfather Tang's Story, Ann Tompert (lesson here, here)
*The Greedy Triangle, Marilyn Burns (lesson here, here, here)

Hamster Champs, Stuart Murphy (angles)(review/lesson)
Icky Bug Shapes, Jerry Pallotta
If You Were a Polygon, Marcie Aboff
If You Were a Quadrilateral, Molly Blaisdell (lesson)
The Incredibly Awesome Box, Joanne Rocklin (Hello Math Reader)
A Light in the Attic (poem, "Shapes"), Shel Silverstein
The Magic Mirror Book, Marion Walter (OOP, symmetry)(lesson)
Magic Mirror Tricks, Marion Walter (OOP, symmetry)(lesson)
*Mouse Shapes, Ellen Stoll Walsh
Museum Shapes, Metropolitan Museum of Art
*Mummy Math: An Adventure in Geometry, Cindy Neuschwander (lesson)
The Seasons Sewn, Ann Whitford Paul (quilts)
The Secret Birthday Message, Eric Carle (directional terms)
Shapes, Shapes, Shapes, Tana Hoban
The Silly Story of Goldie Locks and the Three Squares, Grace Maccarone (Hello Math)(lesson)
*Sir Cumference and the Dragon of Pi, Cindy Neuschwander
*Sir Cumference and the First Round Table, Cindy Neuschwander (lesson,lesson)
*Sir Cumference and the Great Knight of Angleland, Cindy Neuschwander (lesson, lesson)
Sir Cumference and the Isle of Immeter, Cindy Neuschwander
Sir Cumference and the Sword in the Cone, Cindy Neuschwander (lesson)
So Many Circles, So Many Squares, Tana Hoban
*I Spy Shapes in Art, Lucy Micklethwait (lesson)
Square Cat, Elizabeth Schoonmaker
Three Pigs, One Wolf, and Seven Magic Shapes, Grace Maccarone (lesson)
The Village of Round and Square Houses, Ann Grifalconi
When a Line Bends...A Shape Begins, Rhonda Greene
Zachary Zormer, Shape Transformer, Joanne Reisberg

Graphs, Charts, Coordinates, Data

Bart's Amazing Charts, Dianne Ochiltree (Hello Math Reader)
The Best Vacation Ever, Stuart Murphy
*The Fly on the Ceiling: A Math Myth, Dr. Julie Glass (Step into Reading)
The Long Wait, Annie Cobb (Math Matters Reader)
Tiger Math, Nagda & Bickel

Measurement

The 100-Pound Problem, Jennifer Dussling
*Balancing Act, Ellen Stoll Walsh
Beanstalk; the Measure of a Giant, Ann McCallum (lesson)
The Biggest Fish, Sheila Keenan (Hello Math)
Biggest, Strongest, Fastest, Steve Jenkins
*Counting on Frank, Rod Clement

*The Dragon's Scales Sarah Albee (weight) (review)
*Equal Shmequal, Virginia Kroll (review)
Hottest, Coldest, Highest, Deepest, Steve Jenkins
*How Big is a Foot?, Rolf Myller (lesson)
How Big Is It?, Ben Hillman
How Long Is It?, Donna Loughran
How Long or How Wide?, Brian Cleary
How Tall, How Short, How Faraway, David Adler
*If Dogs Were Dinosaurs, David Schwartz (Ratio/Proportion)
*If You Hopped Like a Frog, David Schwartz (Ratio/Proportion)
*Inch by Inch, Leo Lionni (lesson here, here)
Inchworm and a Half, Elinor Pinczes
Incredible Comparisons, Russell Ash (boys in my class love this book!)
Is a Blue Whale the Biggest Thing There Is? Robert Wells
Jim and the Beanstalk, Raymond Briggs
Length, Henry Arthur
*The Librarian Who Measured the Earth, Kevin Hawkes (review)
Me and the Measure of Things, Joan Sweeney
Measuring Penny, Loreen Leedy
Millions to Measure, David Schwartz
More For Me!, Sydnie Meltzer Kleinhenz (Hello Math)
Pastry School in Paris: An Adventure in Capacity, Cindy Neuschwander
Pezzettino, Leo Lionni (area)(Mathwire lesson)
Pigs in the Pantry, Amy Axelrod
Racing Around, Stuart J. Murphy
Slower Than a Snail, Anne Schreiber (Hello Math)
Spaghetti and Meatballs for All!, Marilyn Burns (area, perimeter)
Super Sand Castle Saturday, Stuart Murphy
Twelve Snails to One Lizard, Susan Hightower
Twenty-One Elephants, Phil Bildner (see lesson)
Twenty-One Elephants and Still Standing, April Jones Prince (see lesson)
Weight, Henry Arthur
What's Smaller Than a Pygmy Shrew?, Robert Wells
*Who Sank the Boat?, Pamela Allen (lesson)

Money

26 Letters and 99 Cents, Tana Hoban
A Dollar for Penny, Julie Glass
*Alexander Who Used to Be Rich Last Sunday, Judith Viorst
*Arthur's Funny Money, Lilian Hoban (review)
The Big Buck Adventure, Gill & Tobola
Benny's Pennies, Pat Brisson

The Coin Counting Book, Rozanne Williams (review)
Growing Money, Gail Karlitz (resource/reference)
How Much is that Guinea Pig in the Window?, Joanne Rocklin (Hello Math)
How the Second Grade Got \$8,205.50 to Visit the Statue of Liberty, Nathan Zimelman (review)
If You Made a Million, David Schwartz
Jelly Beans for Sale, Bruce McMillan (review)
Jenny Found a Penny, Trudy Harris
Max's Money, Teddy Slater (Hello Math)
*Monster Money, Grace Macarone (Hello Math)(My boys love this)
My Rows and Piles of Coins, Tololwa Mollel (setting: Tanzania)
*Once Upon a Dime; A Math Adventure, Nancy Kelly Allen (review)
The Penny Pot, Stuart Murphy
Pigs Will Be Pigs: Fun with Math and Money, Amy Axelrod
A Quarter from the Tooth Fairy, Caren Holtzman (Hello Math)
The Story of Money, Betsy Maestro
Tight Times, Barbara Shook Hazen
The Toothpaste Millionaire, Jean Merrill (chapter book)
*Where the Sidewalk Ends (poem, "Smart"), Shel Silverstein (lesson here, here)

Multiplication, Skip Counting, Doubling, Square Numbers

The 512 Ants on Sullivan Street, Carol Losi (Hello Math Reader), (doubling, add, multiply)
A Grain of Rice, Helena Clare Pittman (doubling)
Amanda Bean's Amazing Dream, Cindy Neuschwander
Anno's Mysterious Multiplying Jar, Mitsumasa Anno
Arctic Fives Arrive, Elinor Pinczes (skip counting by 5s)
Bats on Parade, Kathi Appelt (mult, square #s)
*The Best of Times, Greg Tang
Bunches and Bunches of Bunnies, Louise Mathews
Counting Coconuts, Contando Cocos (counting by 2s,3s,4s,5s,10s...#s also in Spanish)
Double the Ducks, Stuart Murphy
Each Orange Had 8 Slices: A Counting Book, Paul Giganti, Jr.(multiply, add, count)
How Do You Count a Dozen Ducklings?, In Seon Chae
*How Many Seeds in a Pumpkin?, Margaret McNamara (review)
*The King's Chessboard, David Birch (doubling)(lesson here, here)
The King's Commissioners, Aileen Friedman (addition, skip counting)
The M&M's Counting Book, Barbara McGrath (counting, add/subtract/multiply)
More M&M's Math, Barbara McGrath (many topics)
My Full Moon is Square, Elinor Pinczes (square #s)
*One Grain of Rice, Demi (doubling)(lesson here, here)
One Hundred Hungry Ants, Elinor Pinczes
One Hundred Ways to Get to 100, Jerry Pallotta (many topics)
*Sea Squares, Joy N. Hulme (square numbers) (lesson here, here)

Sir Cumference and All the King's Tens, Cindy Neuschwander
Stay in Line, Teddy Slater (Hello Math), (add, multiply)
Spunky Monkeys on Parade, Stuart Murphy (count by 2s, 3s, 4s)
Ten Times Better, Richard Michelson