

Have fun with mAtH & SCIENCE

Great Books to Support Math and Science Concepts



Actual Size, by Steve Jenkins. Houghton Mifflin, 2004. Colorful drawings illustrate attributes of animals to compare and contrast size.

All the Water in the World, by George Ella Lyon; illustrated by Katherine Tillotson. Atheneum, 2011. This book incorporates innovative text and picture designs to describe elements of the water cycle.

An Egg is Quiet, by Dianna Aston; illustrated by Sylvia Long. Chronicle Books, 2006. Wonderfully illustrated introduction to eggs for young readers; includes an array of facts on 60 types of eggs.

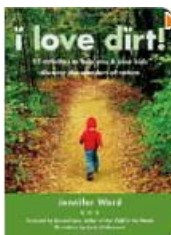
Astronauts Today, by Rosanna Hansen. Random House Books for Young Readers, 1998. Ages 4-6.



Blackout, by John Rocco. Hyperion Book CH, 2011. Ages 4-6. 2012 Caldecott Honor Book; *New York Times* Notable Book; *Wall Street Journal* Best Book of the Year; *Publisher's Weekly* Best Book of the Year; *School Library Journal* Best Book of the Year; *Kirkus Reviews* Best Book of the Year. This is not nonfiction, but succinctly illustrates our reliance on power and technology.

Counting in the City (Math Around Us), by Tracy Stefford. Heinemann Raintree, 2011. Ages 4-6. Also in this series- *Shapes in the Kitchen; Sorting at the Market; Measuring in the Garden*, and more.

How Many Snails?: A Counting Book, by Paul Giganti, Jr., illustrated by Donald Crews. Greenwillow Books, 1994. Ages 4+



I Love Dirt!: 52 Activities to Help You and Your Kids Discover the Wonders of Nature, by Jennifer Ward; illustrated by Susie Ghahremani; foreword by Richard Louv. Trumpeter, 2008.

I Spy Shapes in Art, by Lucy Micklethwait. Greenwillow Books, 2004. Ages 3-7. Also—*I Spy Color In Art*.



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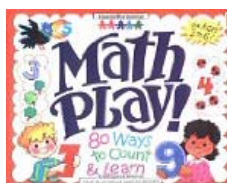
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Is it Larger? Is it Smaller? by Tana Hoban. Greenwillow Books, 1997. Ages 3-5. Also- *Shapes, Shapes, Shapes; Cubes, Cones, Cylinders and Spheres; Over, Under, Through;* and other books by Tana Hoban.

Lemons are Not Red, by Laura Vaccaro Seeger. Square Fish, 2006. Ages 2-5. ALA Notable Book.

Lots and Lots of Zebra Stripes: Patterns in Nature, by Stephen Swinburne. Boyd's Mills Pr, 2002. Ages 4+

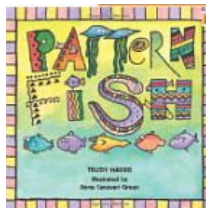


Math Play! 80 Ways to Count & Learn, by Diane McGowan & Mark Schrooten; illustrated by Loretta Braren. Williamsonbooks, 1997. Interactive activities help parents and teachers teach early math skills in everyday routines. These activities are low to no-cost, and are appropriate for 2-6 year olds.

My Eyes (All about My Body series), by Brian Enslow. Bailey Books, 2010. Ages 4-6. Also in this series- *My Mouth, My Hands and Feet*.

My Shapes/Mis Formas, by Rebecca Emberley. LB Kids, 2000. Ages 3-5. Also- *My Colors/ Mis Colores; My Numbers/Mis Numeros*. All of these titles are bilingual English/Spanish.

One, Some, Many, by Marthe Jocelyn, illustrated by Tom Slaughter. Tundra Books, 2004. Ages 2-5. Also- *Ones and Twos; Over, Under; Eats*.



Pattern Fish, by Trudy Harris; illustrated by Anne Canevari Green. Millbrook Press, 2000. Rhyme and repetition create a fun way of recognizing and creating patterns.

Robert Crowther's Amazing Pop-up Big Machines, by Robert Crowther. Candlewick, 2010. Ages 4+

Science is Simple: Over 250 Activities for Preschoolers, by Peggy Ashbrook; illustrated by Marie Ferrante-Doyle. Gryphon House, 2003. There are 41 categories of science activities, from magnets to making slime. A "Bringing Science Home" newsletter is included at the end of each chapter.



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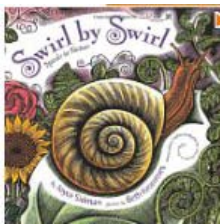
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Science Play, by Jill Frankel Hauser; illustrated by Michael Kline. Williamsonbooks, 1998. This book is full of 'Beginning Discoveries for 2-to-6 year olds'. A "More to Explore" feature extends learning.



Swirl by Swirl: Spirals in Nature, by Joyce Sidman; illustrated by Beth Krommes. Houghton Mifflin, 2011. Intricate drawings by Caldecott-winning illustrator Krommes bring spirals in nature to life. The simple text teaches about different attributes of spirals.

Ten Black Dots, by Donald Crews. Greenwillow Books, 2000. Ages 1-5. Also available in Spanish.

The Best Book of Spaceships, by Ian Graham. Kingfisher, 1998. Ages 5-8.

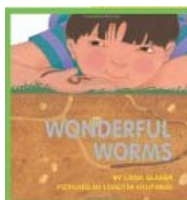


These Bees Count, by Alison Formento; illustrated by Sarah Snow. Albert Whitman & Co., 2012. As a class takes a field trip to a bee farm they learn facts about bees. Simple counting is incorporated into the text, creating a math connection.

Tiger Math: Learning to Graph from a Baby Tiger, by Ann Whitehead Nagda and Cindy Bickel. Owlet Paperbacks, 2002. Ages 7+

What do you do With a Tail like This? by Steve Jenkins and Robin Page. Sandpiper, 2008. Ages 4-6. Also- *Just a Second*; *Biggest*, *Strongest*, *Fastest*; and more.

What is the World Made of? All about Solids, Liquids, and Gases (Let's Read and Find Out series), by Kathleen Weidner Zoehfeld and Paul Meisel. Collins, 1998. This series has Stage 1 and Stage 2 books that are geared towards different age levels. Books are written by different authors and are on a variety of different science subjects. The illustrations are drawings.



Wonderful Worms, by Linda Glaser; illustrated by Loretta Krupinski. Millbrook Press, 1992. The above and below ground world of worms is illustrated and described with simple facts and narrative.

Zero, by Kathryn Otashi. KoKid's Books. 2010. The simple format of this book underscores the math and social values that this story highlights. The importance of zero is cleverly taught as it interacts with other numbers.



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