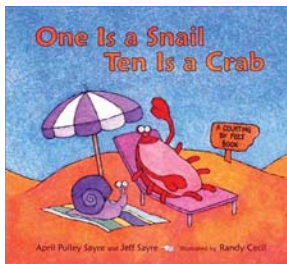


Phyllis
Whitin
and
David J.
Whitin

Selected Book Pairs for Linking Math and Literacy



Counting and grouping

One Is a Snail, Ten Is a Crab by April Sayre and Jeff Sayre. 2003. Cambridge, MA: Candlewick.

The legs of different creatures are combined in various ways to count to 100.

Let's Count by Tana Hoban. 2000. New York: Greenwillow.

The author uses words, photographs, dots, and numerals to represent numbers 1 to 100 in recognizable groups.

Noticing arrangements for 100

100th Day Worries by Margery Cuyler. 2000. New York: Simon & Schuster.

Jessica and her family cleverly find a way to group objects for her 100th-day school assignment.

Centipede's 100 Shoes by Tony Ross. 2002. New York: Holt.

When centipede finds he cannot use all his 100 socks and shoes, he gives away the extras to his animal friends.



Discovering patterns

Pattern Bugs by Trudy Harris. 2001. Brookfield, CT: Millbrook.

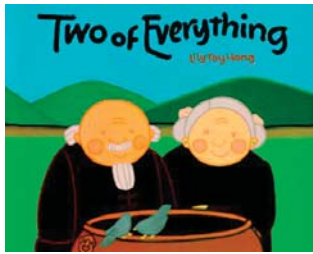
In this light-hearted, predictable rhyme, Harris features a different pattern on each page, and readers must search to find it in various places.

Spots: Counting Creatures from Sky to Sea by Carolyn Lesser. 1999. San Diego, CA: Harcourt Brace.

Rich illustrations and poetic language inspire awe and wonder about the patterns of animals in the earth's 10 biomes.

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This list is excerpted from the article "Pairing Books for Children's Mathematical Learning" by Phyllis Whitin and David J. Whitin, pages 42–48 of the March 2005 issue of *Young Children*.



Doubling and halving

Two of Everything by Lily Hong. 1993. Morton Grove, IL: Albert Whitman.

In this Chinese tale a poor couple unearths a magic pot that doubles everything that is put inside it.

Two Greedy Bears by Mirra Ginsburg. 1998. New York: Simon & Schuster.

This Hungarian tale features two bears who are tricked by a fox when they cannot decide how to divide a hunk of cheese.

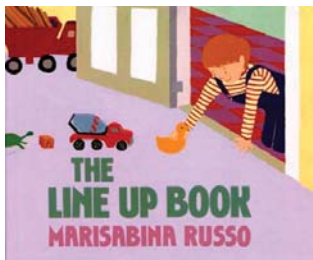
Finding equivalent names for a number

12 Ways to Get to 11 by Eve Merriam. 1993. New York: Simon & Schuster.

Familiar sets of objects reveal different ways to count to 11 with 2 or more addends.

Two Ways to Count to Ten by Ruby Dee. 1988. New York: Holt.

In this Liberian folktale, a clever antelope counts by 2s to win a contest and become the next king of the jungle.



Using nonstandard units of measure

The Line Up Book by Marisabina Russo. 1986. New York: Greenwillow.

A child uses books, boots, and other objects to measure the distance from his bedroom to the kitchen.

How Big Is a Foot? by Rolf Myller. 1992. New York: Dell.

A king orders a bed to be made for the queen, but a problem develops when the carpenter uses his foot instead of the king's to do the measuring.

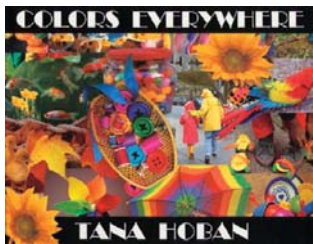
Seeing round shapes

Round and Round and Round by Tana Hoban. 1983. New York: Greenwillow.

Colorful photographs depict a variety of two- and three-dimensional shapes.

Round Is a Mooncake by Roseanne Thong. 2000. San Francisco: Chronicle.

A young girl finds interesting shapes in her environment that reflect her Chinese-American heritage.



Making comparisons in familiar contexts

Colors Everywhere by Tana Hoban. 1995. New York: Greenwillow.

On each page bands of color relate to the colors of a photograph.

More, Fewer, Less by Tana Hoban. 1997. New York: Greenwillow.

Photographs of clothes, cheese, buildings, and other objects invite many different comparisons.

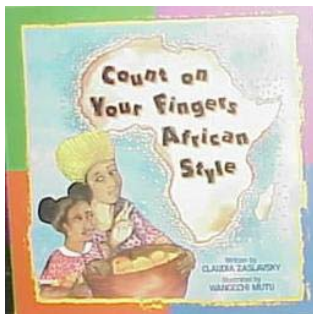
Combining numbers for addition

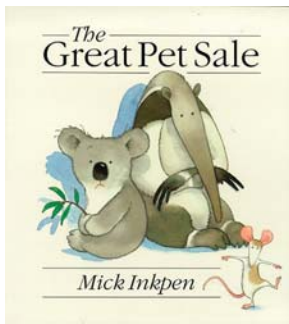
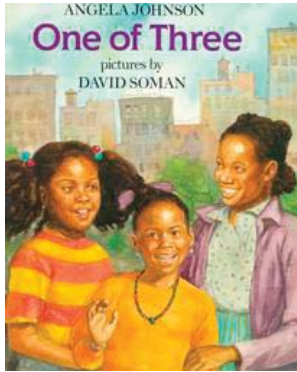
Count on Your Fingers African Style by Claudia Zaslavsky. 1999. New York: Writers and Readers.

Readers are invited to an African marketplace, where they learn about different ways that tribes use fingers to count.

Ten Red Apples by Virginia Miller. 2002. Cambridge, MA: Candlewick.

Green apples turn red, one by one, revealing an interesting mathematical pattern.





Relating family to number

One of Three by Angela Johnson. 1991. New York: Orchard.

A young girl is one of two sets of three, with her two sisters and with her mother and father.

One Hundred Is a Family by Pam M. Ryan. 1994. New York: Hyperion.

Families come in all different constellations, spreading out from the home to neighborhood, city, and eventually the world.

Adding money

26 Letters and 99 Cents by Tana Hoban. 1987. New York: Greenwillow.

Photographs of coins show potential combinations for various monetary values; bright puffy letters are featured.

The Great Pet Sale by Mick Inkpen. 1999. New York: Orchard.

A clearance sale at a pet store entices a boy to spend his dollar on a menagerie of creatures.

Counting sets of things

What Comes in 2's, 3's & 4's? by Suzanne Aker. 1990. New York: Simon & Schuster.

Many everyday objects, such as eyes and car wheels, can be found in sets.

The Father Who Had 10 Children by Bénédicte Guettier. 1999. New York: Dial.

To care for his 10 children, a busy father must do a lot of counting, such as counting socks, fruit, and cereal bowls.

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