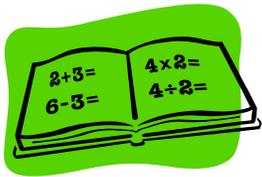




T/E Primary K-2 Mathematics Newsletter

September/October 2011



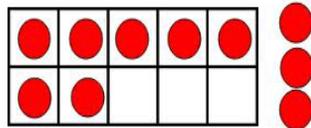
How Can Literature Support Mathematics?

Your child probably reads books everyday. Stories present a common experience for you and your child to discuss the story and the mathematical ideas that are embedded within the story. When a child is reading and discussing, she is developing communication skills that will support her development in both language arts and mathematics.

Mathematics develops out of human experiences and is the language of activity. As you read a story with your child, think about how you might address the mathematics that is in the story.

You may hear and read about "number sense". This is a general goal for early mathematics learning and can be thought of as flexible thinking and intuition about numbers. Number sense is the result of rich mathematical tasks connected to each child's own experiences.

Students with number sense know what 10 is in a variety of situations, including how 8 and 2 or 7 and 3 make 10 or how 10 can look like this:



Always:

1. Select good literature.
2. Enjoy the story and the time you spend together.
3. Include some counters so children can match them up with the illustrations in the book.
4. Children can say the numbers as they count.



Here are some suggested books for beginning number concepts:

- Betcha! by Stuart Murphy
Counting Crocodiles by Judy Sierra
Fish Eyes: A Book You Can Count On by Lois Elhert
Five Little Monkeys Sitting in a Tree by Eileen Christelow
Just Enough Carrots by Stuart J. Murphy
Odd and Even Socks By Melanie Chrisman
One Duck Stuck by Phyllis Root
Rooster's Off to See the World by Eric Carle
Ten Black Dots by Donald Crews
Ten Little Ducks by Franklin Hammond
Ten Little Fingers & Ten Little Toes by Mem Fox
Ten Little Fish by Audrey Wood
Teeth, Tails and Tentacles by Christopher Wormell

