Number Books

Baker, Keith. ***Quack and Count***. New York: Harcourt Brace & Co., 1999. ISBN 0152928588.

A more wonderful way to illustrate addition could not be found. Keith Baker uses 7 ducklings to show all the possible combinations to make 7. "7 ducklings, 3 plus 4, Quack-quack-quacking on the shore" is one such combination. The illustrations, done in collage, are humorous and appealing to children. This book can be acted out, using people or toy ducks, with a lot of fun and learning. It is a marvellous match to APEF outcomes!

☞Related Reading: ***Domino Addition; Splash***, ***Mission: Addition*** (addition)

Burton, Katherine. ***One Gray Mouse*** (illus. Kim Fernandes). Toronto: Kids Can Press, 1995. ISBN 1550742256.

Fimo artwork, bright colours and rhyming text make this a fun book for introducing numerals from 1 - 10. Numbers come alive as pink pigs frolic in yellow pig wigs and blue fish flip in a pink fish dish. Finding the mouse, sometimes hidden among the silly-looking creatures, as he progresses through the numerals, increases the reader's interest and excitement.

☞Related Reading: ***Fish Eyes; Ten Black Dots; Spots; 1 Hunter*** (counting to 10)

Hoban, Tana. ***Let's Count***. New York: Greenwillow Books, 1999. ISBN 0688160085.

A quest to help young children recognize numerals and to understand the concept of number takes this prolific camera-toting author once again into the real world of everyday surroundings. Sets of 1 - 15 and by tens to 100 are presented in rich colour and vivid detail.

☞Related Reading: ***Ten Go Tango***, ***Emily's First 100 Days of School***, ***The Handmade Counting Book*** (counting to 100)

Hutchins, Pat. ***Ten Red Apples***. New York: Greenwillow Books, 2000. ISBN 0688167977.

Repetitive rhyme, toy-like people and animals, vibrant colours and large numerals help to reinforce numeral recognition, number concepts and subtraction. Starting with 10 red apples on a tree, animals moo, cluck, and baa their way through the farmer's orchard, eating apples one by one, until there are none remaining for the farmer's wife to bake into a pie. Wait! What's that over there? Brightly-illustrated end pages provide opportunities for counting to, and backwards, from 10.

☞Related Reading: ***A Creepy Countdown***, ***Ten, Nine, Eight*** (counting backwards from 10 - 1)

McMillan, Bruce. ***Eating Fractions***. Toronto: Scholastic Inc., 1991. ISBN 0590437712.

Halves, thirds and fourths are more interesting mathematical concepts to learn when you can eat them. Subtractive fractions are the focus of this book of photographs as two children take away parts of the whole - pizza pie, wiggle pear salad, strawberry pie (recipes are provided). Exploring these concepts, children use mathematical skills of comparing, seeing relationships, matching, logic and identifying fractional parts. A cute dog shares the tasty meal.

☞Related Reading: ***Give Me Half***

Neuschwander, Cindy. ***Amanda Bean's Amazing Dream: A Mathematical Story*** (illus. Liza Woodruff). New York: Scholastic Press, 1998. ISBN 0590300121.

Amanda Bean loves to count. She resists learning her multiplication facts because she can count anything and everything. Then she has a dream in which she encounters various situations where she has to count groups of objects. Through her surprising adventures, she learns that multiplication is a fast way of counting. She wakes up, resolved to learn her multiplication facts.

☞Related Reading: ***Sea Squares; Bunches and Bunches of Bunnies; One Grain of Rice; Bats on Parade*** (multiplication)

Schlein, Miriam. ***More Than One*** (illus. Donald Crews). New York: Greenwillow Books, 1996. ISBN 0688141021.

This book goes beyond the simplistic notion of one ball or one sun. It will get children thinking about when one can be more than one. For example, one pair of shoes is 2 shoes, but it is still one pair. One dozen eggs is 12 eggs, but it is still one dozen. This book delves into the understanding of the concept of one. It is appropriate for various developmental levels, supporting APEF Math outcomes.

☞Related Reading: ***How Much Is A Million?; One Is Canada; How Many Candles?; The Right Number of Elephants; On Beyond a Million: An Amazing Math Journey; 12 Ways to Get to 11; What Comes in 2's, 3's & 4's?*** (Mathematics connections to the everyday world)