



## Related Activities to Try at Home (page 1 of 2)

Dear Family,

The activities below are related to the mathematics in the addition and subtraction unit *Landmarks and Large Numbers*. You can use the activities to enrich your child's mathematical learning experience.

**Estimating and Making Change** Look for opportunities to practice adding and subtracting with your child in stores and in restaurants.

When you and your child are buying something, figure out together what the change will be. For example, if you buy an item that costs \$3.89 and give the clerk \$5.00, figure out how much you should get back.

When you buy several things, ask your child to help you estimate how much all the items will cost. You could ask, "If I have \$20.00 in my pocket, do I have enough money to buy the items?"

At a restaurant, ask your child to estimate how much the meal will cost.

Whenever these problems come up, encourage your child to figure out ways of estimating and making change. People do these problems in many different ways, often doing parts of the problem mentally.

**Collect 1,000** Together you and your child can collect 1,000 of the same small objects to see what a collection of exactly 1,000 things (such as pebbles, bread tabs, gallon milk lids, or ice-cream sticks) looks like. Before you begin, estimate how long you think it will take to collect 1,000 objects and how much room you think your objects will take up. As your collection grows, you can adjust your estimates, considering how long it has taken so far or how much room several

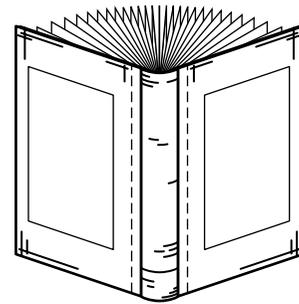
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hundred take up. Periodically, you and your child can figure out how many more objects you need to collect. Ask your child to suggest ways to arrange the objects so that it is easy to keep track of how many you have.

**Math and Literature** Here are some suggestions of children's books that contain relevant mathematical ideas about addition and subtraction and the number system. Look for these books at your local library.



McKissack, Patricia C. *A Million Fish . . .*

*More or Less*

Schwartz, David M. *How Much Is a Million?*

Schwartz, David M. *On Beyond a Million: An Amazing Math Journey.*

Wells, Robert E. *Can You Count to a Googol?*