

Summer Learning Menu

Getting Ready for Grade 1 Mathematics

Addition and Subtraction

In kindergarten, your child added and subtracted numbers to 10. To reinforce this knowledge over the summer ask your child questions about *how much more*. For example, if your child is setting the table for four people ask “How many more folks would we need if seven people were coming over for dinner?”

Measurement

Children begin to formally learn measurement in Grade 1. Their learning goes from comparing two or more items, but to give a quantity to the measure. Here are some activities you can do with your child:

- Have your child begin to read a clock, both digit and analog. In first grade, your child will tell and write time to the hour and half-hour.
- Count coins. Not only can children practice their counting skills, they can learn the names and value of different coins.
- If you are working on a home project that requires measuring, have your child measure with a ruler or tape measure to the nearest inch.

Reading Mathematical Literature

Read mathematical books! The state of California has a searchable database of mathematical and scientific related books for students. Many of the titles can be found in the Polk County Public Library system.

Play Games

Playing some specific games helps build logical and strategic thinking. The following are examples of games that can help build this type of thinking; Chess, Checkers, Solitaire, Spider Solitaire, Sudoku, Hearts, Yahtzee and Mahjong.

Building toys such as blocks, Legos, and Lincoln Logs helps develop spatial sense.

Building jigsaw puzzles not only develops spatial sense, but also gives young children the understanding of geometric vocabulary of rotation.

Polk County Mathematics Team