



First Grade Summer Math

Suggested Activities to practice mathematics with your child this summer.

Be playful in your approach and most of all...have fun with math!

- ⇒ Write addition and subtraction sentences and solve simple math problems. Use phrases such as “adding to” and “taking away from” when you are at the grocery or the mall. Help your child understand what happens to a number or set of objects when you add or subtract zero. You get the same number!
- ⇒ Make flash cards to practice addition and subtraction facts through 10. Your goal is to be able to recall a fact in about 2 seconds. No fingers, please!
- ⇒ $6 + 2 = 8$ is called a number sentence. It’s a complete thought. In math, we call it an equation.
- ⇒ Add three numbers together using objects and pencil and paper. For example $3 + 4 + 2 = 9$
- ⇒ Practice finding the missing number in problems like $4 + \underline{\quad} = 7$. You can count on from 4 or subtract 4 from 7.
- ⇒ Play counting games with your child. Count up to one hundred, then to 120. Count by twos, fives, and tens up to at least 120. Talk about the size of numbers and how one compares to the other.
- ⇒ Place one hundred pennies on the table and talk with your child about how many pennies you have. Group them in sets of 2’s and 5’s and 10’s. Place a handful of pennies on the table and have your child estimate the number.
- ⇒ Practice adding and subtracting one and two digit numbers. Children are not expected to use regrouping (borrowing and carrying) in subtraction. Make up story problems for your child to solve.
- ⇒ Practice reading clocks to tell time to the hour and half-hour. Compare analog and digital clocks. What is alike and what is different about them?
- ⇒ Recognize basic fractions such as $\frac{1}{3}$, $\frac{1}{2}$, and $\frac{1}{4}$. Ask your child to find examples in the store or as you travel.
- ⇒ Find geometric shapes in your home or as you travel. Find 2 dimensional shapes like squares, triangles, circles and 3 dimensional shapes like cubes, cylinders and cones.

Websites:

<http://www.apples4theteacher.com/math/games/100-number-chart-one.html>

<http://www.ixl.com/math/practice/grade-1-counting-up-to-100>

<http://www.fun4thebrain.com/addition.html>

<http://www.fun4thebrain.com/subtraction.html>

<http://www.mathcats.com/explore/factfamilycards.html>

<http://www.coolmath4kids.com/subtraction/03-number-families-subtraction-lesson-01.html>

<http://www.quiz-tree.com/math-games-1.html>

<http://www.apples4theteacher.com/clocks.html>

Books to read:

Fish Eyes by Lois Ehlert

Just One More by Michelle Koch

A Place for Zero: A Math Adventure by Lopresti and Hornung

The Hershey's Kisses Addition Book by Jerry Pallotta and Rob Bolster

The Hershey's Kisses Subtraction Book by Jerry Pallotta and Rob Bolster

One Less Fish by Kim Michelle Toft and Allan Sheather

Sea Sums by Joy N. Hulme

So Many Cats! by Beatrice Schenk de Regniers

12 Ways to Get to 11 by Eve Merriam

100 Days of School by Trudy Harris

Count on Pablo by Barbara deRubertis

What's a Pair? What's a Dozen? by Stephen R. Swinburne

Cranes by Mary Beth Owens

A Quarter From the Tooth Fairy by Caren Holtzman

How Long? by Elizabeth Dale

Me Counting Time by Joan Sweeney

The Purse by Kathy Caple

What Time Is It, Mr. Wolf? by Bob Beeson

For more information please go to <http://www.esmath.knoxschools.org>