



## Second 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!

- ⇒ Practice counting up to 1000. Talk about numbers that are larger or smaller and why. Count by 5s, 10s, and 100s.
- ⇒ Practice basic addition and subtraction facts within 20. Make flashcards from index cards. Inexpensive flashcards are available at “dollar” type stores. Remind your child that addition and subtraction are related. You can use one to check the other!
- ⇒ Regroup is a better way to say borrow and carry. It helps children understand what is happening to the numbers as they add or subtract. When you regroup 10...it becomes 10 ones. When you regroup 100...it becomes 90 and 10.
- ⇒ Practice regrouping a number. For example, place 53 goldfish crackers or buttons (whatever you have) on the table. Regroup into 40 and 13. When you do a problem like  $53 - 17$ , you regroup the 53 to 40 and 13 to be able to subtract.
- ⇒ Talk about the importance of a reasonable answer. Does the answer to an estimate or problem make sense? Ask your child “About how much do you think the answer is”? Being able to estimate an answer is a very important skill for all of us!
- ⇒ Add and subtract within 1,000. Just do one or two problems a day. Keep it fun!
- ⇒ Practice using real examples of addition and subtraction. You have 4 apples and your child has 3 apples. How many apples do you have altogether?
- ⇒ Practice using a ruler to measure simple objects in your home to the nearest inch or foot. Compare those measurements using a metric ruler to the nearest centimeter and meter. Use a scale to measure the weights of objects and compare weights using pounds and kilograms. Guess (estimate) the measurements and then find out exactly how long the object actually is or how much something weighs.
- ⇒ Make a tally chart of the number of state license plates you see on a trip.
- ⇒ Find shapes in your home. The tiles on your kitchen floor may be squares or rectangles. What’s alike and what’s different about them?
- ⇒ Tell time to the hour, half-hour, and the nearest 5 minutes. Use analog and digital clocks.

### Websites:

<http://www.funbrain.com/measure/>

<http://www.aplusmath.com/flashcards/index.html>

<http://www.toonuniversity.com/flash.asp?err=496&engine=9>

[http://www.softschools.com/math/games/odd\\_even\\_number\\_game.jsp](http://www.softschools.com/math/games/odd_even_number_game.jsp)

[http://www.mathplayground.com/matching\\_shapes.html](http://www.mathplayground.com/matching_shapes.html)

<http://illuminations.nctm.org/ActivityDetail.aspx?ID=27>

<http://www.funbrain.com/cgi-bin/fract.cgi?A1=s&A2=3&A15=0>

<http://www.funbrain.com/kidscenter> choose Soccer Shootout Medium

<http://www.funbrain.com/cgi-bin/fract.cgi?A1=s&A2=4&A15=0>

[http://www.coolmath4kids.com/subtraction/06-subtraction-lesson-](http://www.coolmath4kids.com/subtraction/06-subtraction-lesson-two-digit-numbers-01.html)

[two-digit-numbers-01.html](http://www.coolmath4kids.com/subtraction/06-subtraction-lesson-two-digit-numbers-01.html)

### Books to read:

*Domino Addition* by Lynette Long

*Elevator Magic* by Stuart Murphy

*Let's Fly a Kite* by Stuart Murphy

*Shapes* by Henry Pluckrose

*Grandfather Tang's Story* by Ann Tompert

*The Greedy Triangle* by Marilyn Burns

*The Hershey's Milk Chocolate Fractions Books* by

Jerry Pallotta

*Shape Up* by David Adler

*Apple Fractions* by Jerry Pallotta

*Twizzlers: Shapes and Patterns* by Jerry Pallotta

*A Cloak for a Dreamer* by Aileen Friedman

*Shapes, Shapes, Shapes* by Tana Hoban

*Button Box* by Margartte Reid

*Caps for Sale* by Esphyr Slobodkina

*I've Got to Go* by Robert Munsch

*The Grapes of Math* by Greg Tang

*The Twelve Circus Rings* by Seymour Chwast

For more information please go to

<http://esmath.knoxschools.org>