

## Kindergarten Summer Math Challenge

Dear Parents/Guardians,

Can you believe in just a few short weeks your child will be in Kindergarten? I am so excited to be able to spend the school year with them! Summertime is a great time to continue exploring Math.

Below you will find a Math grid. Each box has topics that we will be learning about in Kindergarten. I have some activities for you to do with your child this summer to start this learning. Each week you will pick a box and complete some activities with your child on this topic. I have listed some activities for you to try, but you are not limited to these ideas. If you have other ways you would like to try feel free.

Below the Math grid is a Math log. Please complete the log with the activities that you and your child did to complete each box. Please complete 2-3 activities for each box.

Children who complete the Reading Challenge and the Math Challenge will be presented with a special reward.

Have a wonderful Summer!

God Bless,  
Ms. Becca Martin & Ms. Beth Moyer

**Logs are due back to teachers in September. A date will be announced next school year.**

<p style="text-align: center;"><b>Rote Counting to 20</b></p> <ul style="list-style-type: none"> <li>● Play a game that your child will have to count the number of spaces to move such as Candy Land, Chutes &amp; Ladders, or Hopscotch.</li> <li>● Count how many steps it takes to get somewhere</li> <li>● Count your cereal</li> <li>● Count your toys</li> </ul>	<p style="text-align: center;"><b>Identifying Coins</b> pennies, nickels, dimes, &amp; quarters</p> <ul style="list-style-type: none"> <li>● sort the different coins into groups</li> <li>● put different coins into plastic eggs and hunt for them</li> <li>● play restaurant</li> <li>● help pay for items at the store</li> </ul>
<p style="text-align: center;"><b>Skip Counting by 2, 5, &amp; 10</b></p> <ul style="list-style-type: none"> <li>● Skip counting hopscotch</li> <li>● Count money</li> <li>● Place your snack in groups and skip count</li> </ul>	<p style="text-align: center;"><b>Patterns</b></p> <ul style="list-style-type: none"> <li>● Draw a picture</li> <li>● Use your snack to show a pattern</li> <li>● Build with Legos in a pattern</li> <li>● Go on a walk and see if you can find patterns</li> </ul>
<p style="text-align: center;"><b>Shapes</b> (2D and 3D)</p> <ul style="list-style-type: none"> <li>● Take a walk and find/identify the different shapes you see</li> <li>● Draw a picture using various shapes</li> <li>● use shaving cream in a bag and draw the shapes</li> <li>● Do a scavenger hunt to find the different shapes in the house</li> </ul>	<p style="text-align: center;"><b>One-to-One Correspondence</b></p> <ul style="list-style-type: none"> <li>● Play a game that your child will have to count the number of spaces to move such as Candy Land, Chutes &amp; Ladders, or Hopscotch.</li> <li>● Count your fingers and toes</li> <li>● The flowers in your garden</li> <li>● Take a walk and count the mailboxes you see</li> </ul>
<p style="text-align: center;"><b>Comparative Words</b> Practice using the following sets of words while playing or reading:</p> <p>big/little            short/long few/many            less/more large/small            slow/fast empty/full</p>	<p style="text-align: center;"><b>Positional/Directional Words</b> Practice using the following sets of words while playing or reading:</p> <p>behind/in front of    on/off top/bottom            above/below right/left              first/last go/stop                beside/between inside/outside        high/low near/far</p>
<p style="text-align: center;"><b>Measurement</b></p> <ul style="list-style-type: none"> <li>● Measure while you cook or bake</li> <li>● Guess the weight of objects at the grocery store.</li> <li>● Compare hands/feet sizes of family members</li> <li>● Make a map of a room in your house</li> </ul>	<p style="text-align: center;"><b>Number Writing</b></p> <ul style="list-style-type: none"> <li>● Make a hopscotch board</li> <li>● Write your numbers using sidewalk chalk</li> <li>● Use water to paint your numbers on the driveway</li> <li>● Use a white board to write your numbers</li> <li>● Help make a grocery list</li> </ul>

Name \_\_\_\_\_

### Kindergarten Math Challenge Log

In each box please identify the ways that you completed each challenge. Remember that it can be from the ways listed above or you could have come up with your own way.

<b>Rote Counting to 20</b>	<b>Identifying Coins</b>
<b>Skip Counting</b>	<b>Patterns</b>
<b>Shapes</b>	<b>One-to-one Correspondence</b>

**Comparative Words**

**Positional/Directional Words**

**Measurement**

**Number Writing**