

Summer 2023 Math Activities Rising 4th Grade



Prevent the summer math slump by practicing skills and using math every day! Complete at least 7 of the activities below, or challenge yourself to do them all! When you finish an activity, write the date in the square. For additional skill practice, please use IXL (see page 2).

M	A	T	H
<p>Play a math game like Yahtzee, Racko, Blockus, or Monopoly.</p>	<p>Skittles or M&M Math:</p> <p>Create a pie chart to show how many of each color you have, and then write a fraction to show number of each color (numerator) out of total number (denominator)</p>	<p>Measure the length and width of your bed and write the measurements below.</p> <p>Length in inches:</p> <p>_____</p> <p>Width in inches:</p> <p>_____</p> <p>Length in cm:</p> <p>_____</p> <p>Width in cm:</p> <p>_____</p>	<p>Double a recipe and make it. Show the math below. What did you make?</p> <p>_____</p> <p>What would the measurements be if you cut the recipe in half?</p> <p>_____</p> <p>_____</p> <p>_____</p>
<p>Find Math in the news! Find and attach an article from a newspaper or magazine that relates to math in the real world.</p>	<p>Practice Addition and subtraction word problems for 15 minutes on IXL.</p> <p>Write the IXL activity number here: _____</p>	<p>Card game: Play "Multiplication War." Directions on bottom of page.</p>	<p>Practice Division facts up to 12 (missing number) for 15 minutes on IXL.</p> <p>Write the IXL activity number here: _____</p>
<p>Do a jigsaw puzzle with over 300 pieces. Attach a photo.</p>	<p>Skittles or M&M Math: Count the number of each color and then round to the nearest 10.</p>	<p>Practice Multiplying 1 digit by 2 digit Numbers for 15 minutes on IXL.</p> <p>Write the IXL activity number here: _____</p>	<p>Record the high temperature for a week. Create a bar graph to show daily high temperatures.</p>

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Multiplication "War" Card Game:

Deal out all the cards equally between 2 or 3 players. Each player turns over 2 cards and multiplies the numbers together. The person with the higher product wins the pile of cards. If you have the same product, then repeat the procedure. Winner takes all the cards.

You may want to brush up on the skills listed below using the IXL practice activities for 4th grade.

Directions for accessing IXL:

1. Use the following URL: <https://www.ixl.com/>
2. Log in using the user name and password you were given during the school year. (Add **@stmichaels** to your user name)
3. Choose Math and **select the grade level you just completed.**
4. Choose from the list of skills listed below. Strive to achieve a score of 85 or higher in each category.

Rising fourth graders should practice these third grade skills:

- Number sequences
- Compare numbers
- Value of a digit
 - Convert between standard and expanded form
- Add two numbers (4 or more digits)
 - Subtract numbers (with 4 or more digits)
- Multiplication tables up to 12
 - Multiply 1 digit by 2 digit numbers
- Division facts up to 12
- Division facts up to 12 (missing number)
- Division input/output tables
- Addition and subtraction word problems
- Rounding
- Largest/smallest number possible
- Complete a repeating pattern
- Use a bar graph to solve word problems
- Match fractions to models