

Summer Math Activities: Rising 6th Grade

Prevent the summer math slump by practicing skills and using math every day! Complete at least 8 of the activities below, or challenge yourself to do them all! When you finish an activity, write the date in the square.

M	A	T	H
<p>Practice Greatest Common Factor for 15 minutes on IXL.</p> <p>Please note 5th grade skill numbers below.</p>	<p>Skittles or M&M Math: Create a bar graph to show how many of each color. THEN, write a fraction for each color (ex, 3/10 Blue means that 3 out of 10 total are blue).</p>	<p>Measure the Area and Perimeter of your bed and write measurements below.</p> <p>Area: _____</p> <p>Perimeter: _____</p>	<p>Double a recipe and make it. Attach the recipe and math</p> <p>What did you make?</p> <hr/>
<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>Do a Sudoku puzzle. Attach completed puzzle to this sheet.</p>	<p>Build a LEGO tower of 20+ red, blue, yellow, and green blocks. Write a fraction to show how many of each color you have. Simplify fractions. Attach a photo of your creation.</p>	<p>Practice Fractions in Lowest Terms for 15 minutes on IXL.</p> <p>Please note 5th grade skill number below.</p>
<p>Do a jigsaw puzzle with over 500 pieces. Attach a photo.</p>	<p>Baseball Math: Compare 2-5 players' stats. Write a fraction for each that shows number of hits divided by the number of times at bat. Attach your math.</p>	<p>Practice Division with decimals quotients and rounding for 15 minutes on IXL.</p> <p>Please note 5th grade skill numbers below.</p>	<p>Record the high temperature for a week. Create a line graph to show daily high temperatures and calculate the mean, median, and mode for the week.</p>
<p>Halve a recipe and make it. Attach the recipe and math.</p> <p>What did you make?</p> <hr/>	<p>Practice Comparing fractions using benchmarks for 15 minutes on IXL.</p> <p>Please note 5h grade skill numbers below.</p>	<p>Do 3 logic puzzles or brain teasers. (see http://brainden.com/logic-puzzles.htm or https://www.logic-puzzles.org/). Attach your completed puzzles.</p>	<p>Practice Adding and subtracting decimal numbers for 15 minutes on IXL.</p> <p>Please note 5h grade skill numbers below.</p>

We also highly encourage you to use IXL to practice these skills:

- Understanding Integers
- Compare Integers
- Put integers in order
- Multiply by 1-digit numbers
- Multiply by 3-digit numbers
- Division Facts to 12
- Divide larger numbers by 2-digit numbers
- Prime Factorization
- Greatest Common Factor
- Least Common Multiple
- Put decimal numbers in order
- Add and subtract decimal numbers
- Multiply a decimal by a one-digit whole number
- Multiply a decimal by a multi-digit number
- Division with decimal quotients
- Division with decimal quotients and rounding.
- Compare fractions using benchmarks
- Multi-step word problems.
- Objects on a coordinate plane
- Calculate mean, median, mode and range