

Summer Math Activities: Rising 5th Grade

One of the best ways to be successful in fifth grade math is to begin the year strong in **fact fluency**. Incoming fifth graders are expected to know multiplication facts through 12x12 and their related division facts. Reviewing these over the summer is important. Students may use flash cards, IXL, online games, etc. Have fun with this!

Students, keep your math skills sharp by using math throughout the summer! **Complete at least 8** of the activities below. When you finish an activity, write the date in the block. **This page will be collected** at the beginning of the school year. Enjoy these activities!

Students are welcome to use IXL for additional practice.

M	A	T	H
Skittles or M&M math: Create a circle 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). Simplify fractions.	4th grade IXL: choose any Writing numbers up to one million skills from the Number Sense section and practice 15 minutes.	Measure the length and width of a book. Round to the nearest inch or cm. Then find the area and perimeter. Write your results below. Area (x): _____ Perimeter (+): _____	Follow a recipe that includes fractions. What did you make? _____
Find math in the news! Read and attach a newspaper or magazine article that relates to math in the real world.	Record the high temperature for a week. Create a line graph to show daily high temperatures.	Build a Lego tower of red, blue, yellow, and green pieces. Write a fraction to show how many of each color you have. Simplify fractions.	4th grade IXL: choose any Rounding skills from the Number Sense section and practice 15 minutes.
Double or halve a recipe and follow it. What did you make? _____	On separate paper, list 5+ jobs that require math. List 5+ ways adults use math in everyday life. Attach your lists to this sheet.	4th grade IXL: choose any Equivalent fractions skills in the first Fraction section and practice 15 minutes.	Build / assemble something that requires you to measure. What did you create? _____
Complete a jigsaw puzzle with over 200 pieces. Attach a photo if you like.	4th grade IXL: choose any skills in the Logical Reasoning section and practice 15 minutes.	Complete a Sudoku puzzle. Attach the completed puzzle to this sheet.	Play a game involving math. Yahtzee, Racko, Blokus, and Monopoly are suggestions.

You may wish to review 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 fifth graders should practice these fourth grade skills:	
Write word names	Fractions review
Rounding	Find equivalent fractions using models
Subtract	Equivalent fractions
Multiplication facts	Lowest terms
Identify factors	Compare fractions using models
Estimate products: word problems	Add fractions
Multiply	Subtract fractions
Division facts	Perimeter
Divide	Area