

5th Grade Math Summer Assignment 2021/2022



Dear Rising 5th grade students and parents,

I know you are ready to enjoy a super fun summer and are looking forward to the start of your first year in middle school. Teachers in the middle school have been working to develop summer review programs that will help you be ready to start the next school year strong in math and reading.

One of the major keys to success in math is *review and practice*. Your summer math review will be topics assigned on the IXL Math website.

The following steps will help you get started on any computer or internet accessible device.

1. Go to <https://www.IXL.com>
2. Enter your IXL username and password in the upper right corner and click the right arrow button to sign in. **Note: If you are new to SDS, your username and password will be emailed to you by IXL. When you login, don't forget the @sds at the end of your username.**
3. Click on *Math* at the top of the page and navigate to the 4th class.
4. Find a skill to practice by doing *one of the following*:
 - Select a specific skill to practice from your assigned list of review 4th grade topics. You can place your mouse over any skill to see a sample question and click on the link to begin.
 - Go to the *Awards* section. Each grade level presents challenges for you to conquer and virtual prizes to be uncovered. Place your mouse over any challenge to begin.

IXL is designed to help you learn at your own pace. The website is adaptive and will adjust to your demonstrated ability level. The site also **saves all of your results**, so you can monitor your progress anytime by clicking on the *Reports* at the top of the page.

This summer, your assignment is to attain a SmartScore of 85 for each assigned topic to be completed no later than September 1, 2021.

Grades will be awarded based upon your SmartScore for each topic. See FAQs for grading.

From the “4th Grade” Course Heading

(Remember that this is a review of what you learned in fourth grade.)

Fourth grade math topics:

- 4-A.5: Convert between place values
- 4-B.7: Add 3 or more numbers up to millions
- 4-C.3: Subtract numbers up to seven digits
- 4-D.7: Identify factors
- 4-D.41: Multiply a 2-digit number by a larger number
- 4-E.17: Divide larger numbers by 1-digit numbers
- 4-F.1: Add, subtract, multiply, and divide
- 4-G.1: Write variable expressions
- 4-H. 4: Coordinate plane as maps
- 4-O. 7: Identify Equivalent fractions
- 4-O.19: Compare fractions
- 4-O.24: Order fractions
- 4-P. 14: Add and subtract fractions with like denominators
- 4-P.16: Add and subtract fractions with like denominators; word problems
- 4-P.19: Add and subtract mixed numbers with like denominators
- 4-Q.4: Add fractions with unlike denominators
- 4-Q.6: Subtract fractions with unlike denominators
- 4-R.5: Multiply unit fractions by whole numbers
- 4-R.15: Fractions of a number
- 4-S. 4: Place values in decimal numbers
- 4-T.1: Add decimal numbers
- 4-T. 2: Subtract decimal numbers
- 4-Y. 6: Measure angles with a protractor
- 4-Z.1: Identify three-dimensional figures
- 4-Z.2: Count vertices, edges, and faces

This summer, your math assignment will be to attain a SmartScore of 85 for each topic that has been assigned.

The purpose of summer work is to help you retain the mathematical concepts and procedures that you have learned in previous classes. If you feel you need more practice in a particular module, please feel free to work towards a higher SmartScore than 85. You

may also explore **unassigned** topics if you choose. With your summer review, you can “hit the ground running, “so to speak, at the start of the school year in August.

If you have any questions over the summer about your summer work, I can be reached by email. lacy.hines@sdsgriffin.org

***PLEASE READ**

Sometimes the IXL website updates their topic lists during the summer. Some of the topic ID numbers (for example, D.7 currently associated with the topic, “Identify Factors”) might change. If this happens, you are responsible for finding the same topic by its name (Identify Factors) rather than by its ID number. If the topic is completely removed, then you will not be responsible for that topic. **IF YOU HAVE ANY OPERATIONAL (NOT JUST MATH) ISSUES WITH IXL OVER THE SUMMER, PLEASE EMAIL Mrs. Lacy Hines lacy.hines@sdsgriffin.org or Ms. Donlyn Aiken donlyn.aiken@sdsgriffin.org**

Frequently asked questions about Summer Math Review on IXL

Question 1: How can I track my progress?

IXL keeps track of your progress. Your SmartScore will be in parentheses after the module name, as shown below.

 **N.8** Review: properties of quadrilaterals (82)

Question 2: How much is this worth towards my first quarter grade?

In math class, you will have tests and quizzes. This is the grading scheme for the IXL summer work.

25 topics times 4 points per topic = 100 points total

The summer assignment grade **will amount to a quiz grade**, and it will count toward your first quarter average.