

IXL Mathematics Summer Assignment  
For Students Entering the Fourth Grade  
2022-2023 School Year  
Due: The Second Day of School

What is IXL:

IXL is an online practice program for Math. The program will allow us to individualize the learning experience for students so that they can work at their own pace to reinforce the essential content necessary for the upcoming school year.

How to sign in: Your child can sign in from home by visiting [www.IXL.com](http://www.IXL.com) on any computer and entering the username and password provided in class. There are even iPad and Android apps to allow your child to practice on the go.

Assignments: The following are the assignments to be completed with a minimum smart score of 80. The Smart Score takes into account not only the number of questions a student has answered correctly and incorrectly, but also the difficulty of the problems and the student's ability to answer correctly with consistency. Objectives completed during the 2021-2022 school year will be deleted June 1, 2022.

Assignments can be found under the learning tab for 3<sup>rd</sup> Grade. I have assigned IXL based on time limits as seen below. in the various categories that are found under this tab. I have grouped some of the categories together, so the students should try to split the time equally on each of the categories grouped together. However, if your student seems to struggle on one category more than another in a particular group of categories, they may spend more of the assigned time in that section. (For example, the students should spend at least 2 hours on Addition/Subtraction, but if they struggle more with subtraction, they can split this into 30 minutes of Addition and 1 ½ hours on Subtraction.) I also highly recommend that students can and should spend more than the required time on these categories, especially on categories that they struggle with over the summer. Based on your student's completion of the skills in the below categories, IXL will make recommendations that your student should also complete.

**Group 1**

A- Numbers and Comparing

B- Place Values, Estimation/ Rounding

Please spend 1 hour on Group 1.

**Group 2**

C – Addition

D – Subtraction

Please spend 2 hours on Group 2.

**Group 3**

E, F, G, and H – All Multiplication Categories

Please spend 1 ½ hours on Group 3.

**Group 4**

I, J, K, L, and M – All Division Categories and Mixed Operations

Please spend 1 ½ hours on Group 4.

**Group 5**

N - Properties

O - Equations and Variables

Please spend 30 minutes on Group 5.

**Group 6**

Q - Logical Reasoning

R – Patterns

Please spend 30 minutes on Group 6.

**Group 7**

S – Money

T – Time

U – Data

Please spend 1 hour on Group 7.

**Group 8**

V, W, X, and Y – All Fraction categories

Please spend 1 hour on Group 8.

**Group 9**

AA, BB, CC, DD – All Geometry categories

Please spend 1 hour on Group 9.