

June 2024

Dear Future 6<sup>th</sup> Grade Math Student,

The purpose of summer work is to help prevent you from forgetting what you learned in 5<sup>th</sup> grade math over the summer. Therefore, it is best *not* to do all of your summer work as soon as you receive it in June! It is far better to do one or two exercises each week, or even to wait until August and do three or four exercises each week before school. If you wait until the very end of the summer, you may feel overwhelmed, and this is not a good idea.

Using the website [www.ixl.com](http://www.ixl.com), you will be required to reach a score of 80% (not 100%) in each of the assigned topics listed below.

Instructions for accessing IXL are on the back of this letter. We will be checking your progress throughout the summer. If you have any questions on the problems, each lesson has a video tutorial at the top of the screen and some worked examples to get you started.

If you have a lot of trouble with some of the assigned IXL lessons, there will be a Math Help Day in August, and you should come to school that morning so that we can coach you through those.

Sincerely,

Mr. Dorsey

ps. You will notice that there is a heavy reliance on multiplication and division in these exercises. Sixth graders are expected to have memorized with multiplication facts up to the 10's, especially the 7's, 8's, and 9's. If you need more practice, we recommend using flash cards until the facts become automatic.

5<sup>th</sup> grade level IXL:

|  |        |
|--|--------|
| Multiply 2-digit numbers by 3-digit numbers          | (D.11) |
| Choose numbers with a particular product             | (D.17) |
| Relate multiplication and division                   | (E.16) |
| Choose numbers with a particular quotient            | (E.18) |
| Equivalent fractions                                 | (J.2)  |
| Convert between improper fractions and mixed numbers | (J.4)  |
| Add fractions with unlike denominators               | (L.3)  |
| Multiply two mixed numbers                           | (R.4)  |
| Add/Subtr/Mult/Div fractions & mixed numbers         | (V.1)  |
| Place values in decimal numbers                      | (W.2)  |
| Put decimal numbers in order                         | (X.5)  |
| Add/Subtr/Mult/Div decimals                          | (GG.1) |
| Add/Subtr/Mult/Div decimals: word problems           | (GG.2) |
| Perimeter with decimal side lengths                  | (SS.2) |
| Perimeter with fraction side lengths                 | (SS.3) |
| Areas of squares and rectangles                      | (TT.1) |



Dear Parent,

I am pleased to tell you that we will be using a website called IXL in our classroom next year. IXL is a comprehensive math review site with an unlimited number of math practice questions in hundreds of skills — all of which are aligned to state standards. One of the best things about IXL is that your child can access it from home, so you have a chance to see your child's progress!

To get your child started on your home computer, please follow these easy steps:

1. Go to [www.IXL.com/signin/calverton](http://www.IXL.com/signin/calverton)
2. Enter your child's username and password and click *Sign in*.

Username: first initial last name

Password: calverton

3. Navigate to the fifth grade level on the *Math* tab.
4. Find one of the skills listed and begin.

If you have any difficulty logging in to IXL, please contact Dawn Rhoads ([drhoads@calvertonschool.org](mailto:drhoads@calvertonschool.org)). In addition to making math practice exciting, IXL is designed to help your child learn at his or her own pace. The website is adaptive and will adjust to your child's demonstrated ability level. Make sure you have logged into your account. The site will save all of your child's results, if logged in, so you can monitor your child's progress anytime by clicking on the *Reports* tab.

I hope you'll encourage your son or daughter to use IXL weekly so that we can hit the ground running in the Fall.

Sincerely,

Will Dorsey