



Dear Parent,

I am pleased to tell you that we will be using a website called IXL in our classroom this year. IXL is a comprehensive learning program offering unlimited math and language arts practice problems in thousands of skills—all of which are aligned to the Common Core. 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 <https://www.IXL.com/signin/ponaganset>
2. Enter your child's username and password in the upper right corner and click the button to sign in. (Note: If the username and password are not listed below, they will be provided separately.)

Username \_\_\_\_\_ **If you need your login and/or password, please EMAIL:** \_\_\_\_\_  
**Cetheridge@fgschools.com**  
or  
Password \_\_\_\_\_ **LMedeiros@fgschools.com**

3. Click on the name of the subject you'd like to work on at the top of the page and navigate to your child's grade level.
4. Select a specific skill to practice from the list of skills. You can also place your mouse over any skill to see a sample question and click on the link to begin.

In addition to making practice exciting, IXL is designed to help your child learn at his or her own pace. The program is adaptive and will adjust based on your child's demonstrated understanding of the material. All of your child's results will be saved, so you can monitor his or her progress anytime by clicking on the *Analytics* tab at the top of the page. For on-the-go practice, you can download IXL's free tablet apps for iPad, Android, or Kindle and sign in with your child's username and password.

I hope you'll encourage your son or daughter to use IXL regularly. Here's to a year of working together to make learning fun for your child!

Sincerely,

Colleen Shaw

# Ponaganset Middle School

## Incoming 6<sup>th</sup> Grade Summer Math Work

This summer's math work will be done completely online. Your student should have received a username and password for the website: [www.ixl.com/signin/ponaganset](http://www.ixl.com/signin/ponaganset) If your student did not receive their username and password, please contact the Middle School at 710-7500 extension 2275. If your student does not have access to a computer or online services at home, the Foster and Gloucester Public Library information is included:

Foster Public Library 397-4801  
Harmony Public Library 949-2850

Tyler Free Public Library 397-7930  
Gloucester-Manton Public Library 568-6077

Incoming 6<sup>th</sup> grade students should be fluent in the multiplication tables up through the 12's table. The tables are included. Flashcards can be made using index cards in order to practice the tables over the summer to improve fluency. The websites that are included would be great for practice and enrichment.

Incoming 6<sup>th</sup> grade students should be proficient with addition, subtraction, multiplication and division of whole numbers. They should also be proficient with addition and subtraction of fractions with like denominators as well as addition and subtraction of decimals to the hundredths place. This summer work includes practice in these areas. Calculators should NOT be used as we are trying to increase our students' proficiency and number sense. MULTIPLICATION TABLES SHOULD BE MEMORIZED.

X	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

This summer work should be completed by Friday, September 7<sup>th</sup>. Its minimum value will be a formative grade. Additional assessment grades will be based on curriculum connection and will be left to the discretion of the teacher.

The following **Grade 6** IXL lessons should be completed. A score of 80% is the minimum score that must be achieved to consider a lesson completed. The lessons need to be completed by Friday, September 7<sup>th</sup>. Please encourage your student to click on the explanations when they get a question incorrect. Next year's math teacher will go online to see both the score and the number of minutes spent on each lesson. Students are allowed to do extra practice in previous grade levels.

The following lessons need to be completed between June 20<sup>th</sup> and September 6<sup>th</sup>. Lessons completed before June 20<sup>th</sup> will not be accepted.

**NOTE: IXL** may change the lesson numbers, if that happens look for the topics that match this sheet and do those.

### Decimal Numbers

F.2 Decimal place values

### Money

U.2 Add and subtract money amounts

U.4 Multiply money by whole numbers and decimals

### Multiplication

B.1 Multiply whole numbers

### Division

C.2 Division patterns with zeros

### Add and Subtract Fractions

J.1 Add and subtract fractions with like denominators

J.3 Add and subtract fractions with unlike denominators

J.6 Add and subtract mixed numbers

### Geometric measurement

FF.1 Perimeter

FF.2 Area of rectangles and squares

The following websites are helpful for both practice and enrichment.

#### Web Resources

<http://www.khanacademy.org/exercisedashboard>

<http://www.learnzillion.com/lessons>

<http://www.mathisfun.com>

This results sheet is due September 7<sup>th</sup>.

Name \_\_\_\_\_

SCORE:      6<sup>th</sup> Grade IXL Lessons:

- \_\_\_\_\_ F.2 Decimal place values
- \_\_\_\_\_ U.2 Add and subtract money amounts
- \_\_\_\_\_ \*U.4 Multiply money by whole numbers and decimals
- \_\_\_\_\_ \*B.1 Multiply whole numbers
- \_\_\_\_\_ C.2 Division patterns with zeros
- \_\_\_\_\_ J.1 Add and subtract fractions with like denominators
- \_\_\_\_\_ J.3 Add and subtract fractions with unlike denominators
- \_\_\_\_\_ J.6 Add and subtract mixed numbers
- \_\_\_\_\_ FF.1 Perimeter
- \_\_\_\_\_ FF.2 Area of rectangles and squares

\_\_\_\_\_ Average of all IXL Lessons

\*Show work in notebook, label as U.4 or B.1.

Example

$$\begin{array}{r} \$1.25 \\ \times 6 \\ \hline \$7.50 \end{array}$$