

# WHITMAN-HANSON REGIONAL SCHOOL DISTRICT

Hanson Middle School  
Whitman Middle School

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June 07, 2019

Dear Parents, Guardians, and Students:

In an effort to provide all our middle school students from across the entire Whitman-Hanson Regional School District with an opportunity to continue practicing math over the summer, we are excited to announce the new IXL Summer Math Challenge 2019! As with the district's new middle school summer reading program, the primary goal of this learning opportunity is to minimize loss of understanding during the summer months and carry some momentum into the new school year to help prepare you for success with the new math concepts that will be presented next year.

On the back of this letter you will find a list of 10 math skills that we have identified from the IXL Learning website (<https://www.ixl.com/>) that we feel would be most helpful to practice over the summer. We limited the list to 10 to correspond roughly to the number of weeks of vacation. It is important to note that the skills selected are from the **current grade** and therefore should be familiar to students. Furthermore, anytime a question is answered incorrectly, the right answer along with an explanation of the mistake is provided. It is also important to note that, although we feel this opportunity is beneficial, it is **optional** and there is **no penalty** if you do not participate. For those who do take advantage and practice all of the listed IXL skills over the summer (which your math teacher next year can tell from a report in their own account during the first week of school), you will receive a certificate of completion, be eligible to participate in a raffle, and possibly even be exempt from having to complete some homework assignments at the discretion of the teacher.

All current fifth grade students in Whitman-Hanson were recently assigned an IXL account and some have already started using the site to practice math during the past few weeks. Therefore, you may already know your login information from memory, but just in case you forget over the summer we have provided a space to write your username and password. Since it is possible that you may have practiced one or more of the listed skills during the past few weeks, you should note any progress made already on a particular skill prior to the start of summer. We recommend that all students strive to achieve a **Smart Score of 80 or above** (out of a maximum of 100) for each listed skill. Lastly, please be aware that for families with limited or no internet access over the summer, there is an IXL Learning app that can be used on a smart phone or tablet without being connected to the internet (see <https://www.ixl.com/apps> for download instructions).

Students must complete the IXL Summer Math Challenge by **Thursday, August 22<sup>nd</sup>** to allow time for rollover of all district IXL accounts prior to the start of the new school year. Please do not hesitate to contact me with any questions or concerns.

Have a wonderful summer!

A handwritten signature in black ink that reads "Brian Selig".

Brian Selig  
6-12 Mathematics Curriculum Chair  
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# SUMMER MATH CHALLENGE 2019!

Website: <https://www.ixl.com/>

Username \_\_\_\_\_ Password \_\_\_\_\_

Step 1: Sign into IXL

Username

Password

Sign in

Step 2: Click on "Learning"

Learning

Step 3: Click on "Math"

Recommendations

Diagnostic

Math

Step 4: Scroll to "Fifth grade"  
Click on "See all 382 skills"

5

Fifth grade

Includes: Graph points on a  
with unlike denominators | \

See all 382 skills >

Step 5: Scroll to find or click directly on one of the skills in the table below (remember that if you already practiced a particular skill you should write down number of questions answered and your SmartScore before you start practicing at the start of the summer)

Fifth Grade Skill	Start of Summer (06/13)		End of Summer (08/22)	
	Questions answered	SmartScore out of 100	Questions answered	SmartScore out of 100
<a href="#">G.22 Put assorted decimals, fractions, and mixed numbers in order</a>				
<a href="#">H.4 Add and subtract decimals: word problems</a>				
<a href="#">I.7 Multiply two decimals using grids</a>				
<a href="#">J.2 Decimal division patterns over increasing place values</a>				
<a href="#">K.10 Compare fractions and mixed numbers</a>				
<a href="#">L.6 Add fractions with unlike denominators using models</a>				
<a href="#">L.9 Subtract fractions with unlike denominators using models</a>				
<a href="#">N.2 Divide whole numbers by unit fractions using models</a>				
<a href="#">N.5 Divide fractions by whole numbers</a>				
<a href="#">O.2 Add, subtract, multiply, and divide whole numbers: word problems</a>				