

May 18, 2017

Dear Parents of Rising Sixth Grade Students,

At the end of every school year, we always have parents ask for different resources they can use throughout the summer to help their children practice their math skills. In middle school we recommend having the students use IXL as this resource. Since your child has already worked with IXL in elementary school, he/she will simply access the website with the same user name and password that they have been using.

Since your child has been placed in the Honors Sixth Grade Math Class, he/she will be REQUIRED to complete the 15 IXL assignments listed below. The students may work on the required assignments as time permits this summer, as long as he/she is done with the assignments on the first day of school. These assignments should not be difficult, as they are all concepts that were already introduced to them in fourth or fifth grade. Each assignment will be taken for 15 different homework grades upon the start of school. **The students must achieve an IXL score of 90% or above on each assignment in order to show full mastery** of the concepts and to receive a 100% for each of the assignments.

Students may NOT use calculators for these assignments.

Required math assignments:

- 5th Grade – C.16 - “Multiply by 2-Digit Numbers: Word Problems”
- 5th Grade – D.15 - “Divide Money Amounts: Word Problems”
- 5th Grade – F.6 - “Greatest Common Factor”
- 5th Grade – F.7 - “Least Common Multiple”
- 5th Grade – G.7 – “Round Decimals”
- 5th Grade – G.12 – “Convert Fractions to Decimals”
- 5th Grade – G.19 – “Put Assorted Decimals, Fractions, and Mixed Numbers...”
- 5th Grade – I.6 – “Multiply Money Amounts: Word Problems”
- 5th Grade – K.8 – “Graph and Compare Fractions on Number Lines”
- 5th Grade – K.11 – “Put Fractions in Order”
- 5th Grade – L.21 – “Add and Subtract Fractions in Recipes”
- 5th Grade – M.16 – “Multiply by Two Fractions: Word Problems”
- 5th Grade – N.12 – “Divide Fractions and Mixed Numbers: Word Problems”
- 5th Grade – U.5 – “Objects on a Coordinate Plane”
- 5th Grade – Z.7 – “Choose the Appropriate Metric Unit of Measurement”

While your child does **not** need to complete any additional assignments, I have included a few additional IXL sections that cover material that we will expand on next year. Again, the assignments listed below are NOT required. While the students have already worked on all of the concepts below, we will be taking them to another level this school year.

A Few Additional Topics Covered in Sixth Grade:

- 5th Grade – D.9 – “Estimate Quotients: Word Problems”
- 5th Grade – G.18 – “Repeat Decimals”
- 5th Grade – I.9 – “Multiply 2 Decimals”
- 5th Grade – J.5 – “Division with Decimal Quotients: Word Problems”
- 5th Grade – K.5 – “Write Fractions in Lowest Terms”
- 5th Grade – L.11 – “Add and Subtract Fractions with Unlike Denoms: W.P.”
- 5th Grade – R.2 – “Convert Between Percent, Fraction, and Decimal”
- 5th Grade – V.4 – “Write Variable Equations: Word Problems”
- 5th Grade – BB.4 – “Classify Quadrilaterals”
- 5th Grade – EE.11 – “Volume of Rectangular Prisms Made of Unit Cubes”

I look forward to seeing you at Back to School Night. If you have any additional questions about IXL in the interim, please let me know and I will be happy to help in any way that I can. My school email address is: lisa.schuerman@eagleslanding.org.

Have a blessed and safe summer!

In Christ,

Mrs. Lisa Schuerman