

May 24th 2017

Dear Parents of Rising 7th Grade Students,

At the end of every school year, we have parents ask for different resources they can use throughout the summer to help their children practice their math skills. In middle school we use a wonderful online resource called IXL to help the children practice throughout the summer.

Please be sure to encourage your child to always sign-in *immediately* upon going to the website, otherwise the teacher will not receive documentation showing that assignments have been completed. Since your child has been placed in the **Honors** Seventh Grade Math Class, he/she will be REQUIRED to complete the (6) IXL assignments listed below. He/she 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 review material. Each assignment will be taken for 6 different homework grades upon the start of school. The students need to achieve a 90% on each assignment in order to show full mastery of the concepts and to receive a 100% for each of the 6 homework assignments. In addition to this, the students **MUST write down the problems given to them on lined, notebook paper and he/she must show work.** Students may NOT use calculators for these assignments.

Required math assignments:

- 7th Grade E.11 Evaluate numerical expressions involving decimals
- 7th Grade C.9 Evaluate numerical expressions involving integers
- 7th Grade G.16 Add, subtract, multiply, and divide fractions and mixed numbers word problems
- 7th Grade J.9 Do the ratios form a proportion
- 7th Grade L.2 Convert between percent's, fractions and decimals
- 7th Grade AA.4 Area and perimeter: word problems

While your child does **not** need to complete any additional assignments, I have included few additional IXL sections that cover material that we will begin working on in August and September. Again, the assignments listed below are **NOT** required.

Topics Covered in August and September:

- **Order of Operations**
 - 7th Grade R.5 Evaluate absolute value expressions
 - 7th Grade I.8 Evaluate expressions involving exponents
- **Adding, Subtracting, Multiplying and Dividing Integers**
 - 7th Grade C.1 Integer addition and subtraction rules

- 7th Grade C.6 Integer multiplication and division rules
- 7th Grade C.5 Add and subtract integer word problems
- **The Distributive Property**
 - 7th Grade R.10 Multiplying using the distributive property
- **Absolute Value**
 - 7th Grade B.4 Absolute value and opposite numbers
 - 7th Grade B.6 Integer inequalities with absolute value

Have a blessed and safe summer!

In Christ,

Miss Hegeman