Dear Parents,

Throughout the summer, your student is being asked to continue developing core knowledge of overall math concepts. In order to have their brains in tip top shape and prepared for seventh grade, students are being asked to complete the IXL Summer Boost program.

The Summer Boost program is a 20 day program, with 1 skill to be completed per day. The days can be consecutive or can take place over a multitude of days. Please choose a method convenient for your family and that also ensures all skills are completed. Students will need to complete each skill with an 80% or higher smart score. This must be completed by the first day of school, **August 7, 2024**. **Upon returning to school in August, this will count as a 20 point quiz grade in Math.**

To access the program, students will need to login to their IXL using the following link:

https://www.ixl.com/math/skill-plans/ixl-summer-boost-grade-7

A skills list is located on the back of this page.

Enjoy your summer!

Middle School Math Team

IXL Summer Boost Rising Seventh Graders Skills

Day 1: Write an equivalent ratio

Day 2: Solve one-step addition and subtraction equations - Whole numbers

Day 3: Compare and order rational numbers using number lines

Day 4: Add and subtract decimal numbers

Day 5: Absolute value and integers

Day 6: Division with decimal divisors

Day 7: Solve one-step addition and subtraction equations - word problems

Day 8: Percents of numbers and money amounts

Day 9: Write multiplication expressions using exponents

Day 10: Ratios and Rates - Word problems

Day 11: Interpret charts and graphs to find mean, median, mode, and range

Day 12: Find a value using 2-variable equations - word problems

Day 13: Evaluate numerical expressions involving fractions

Day 14: Solve one-step multiplication and division equations with whole numbers

Day 15: Multiply and divide decimals - word problems

Day 16: Divide fractions and mixed numbers

Day 17: Solve one-step multiplication and division equations - word problems

Day 18: Factor variable expressions using the distributive property

Day 19: Volume of cubes and rectangular prisms

Day 20: One-step inequalities - word problems