

Middle School Mathematics Summer Enrichment

Dear Students and Parents,

It is important for students to remain proficient in mathematics over the summer. In middle school, students need to be skilled in computation with decimals, fractions, and integers (7th and 8th). We will be focusing on ratios, geometry, and equations in middle school. For the summer, the students will be asked to work on skills suggested by their diagnostic for Math. There are six sections-fractions, geometry, measurement, data statistics, algebra, and number and operations. There will be about 5 skills under each section (some may have less and some may have more). Please work to achieve a minimum of 85 points on a skill before attempting a new skill. The first question on each skill will display a button to “Learn with an example.” You may use this to help you know what to do before starting a new skill.

Log on to IXL.com 5 days each week.

The Diagnostic Test was completed in class at the end of this school year.

Work on recommended skills for 15 minutes per day.

Click on the word “Diagnostic” at the top of the webpage.

1. Click on the button for “recommended skills” under each topic.
2. Recommended skills for that topic have highlighting around their boxes.
3. Choose which ever skill you would like to practice – ACHIEVE a minimum score of 85 points.
4. Work on Lower Grade skills first to build a stronger foundation for math concepts.
5. We will work on a different topic each week. You might not complete every recommended skill.
6. If you complete the recommended skills from a section before the end of the week, you may choose any other skill to work on.

| Week | Topic |
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| Week 1 (June 6 – June 12) | Numbers and Operations |
| Week 2 (June 13 – June 19) | Algebra and Algebraic Thinking. |
| Week 3 (June 20 – June 26) | Fractions |
| Week 4 (June 27 – July 3) | Geometry |
| Week 5 (July 4 – July 10) | Measurement |
| Week 6 (July 11 – July 17) | Data, Statistics, and Probability |
| YOU ARE DONE! | Diagnostic Arena – See How Much You’ve Improved! |
| Week 7 (July 18 – July 24) | |
| Weeks 8 – 9 (July 25 – August 7) OPTIONAL | Work on any skills recommended by your new diagnostic report. |