

## K-8 Loudon County Summer Scholars Guide 2019-2020

Rising Grade: 7<sup>th</sup> Grade Math

School: Fort Loudoun Middle School

Curriculum covered during the previous year that requires continued retention and repetition for students:

- Add, Subtract, Multiply, Divide whole numbers, decimals, and fractions
- Solving 1-Step Equations and Inequalities
- Finding Area, Surface Area of Volume of rectangles, triangles, and prisms
- Solving Expressions using Order of Operations
- Understand the positive of negative and positive numbers on a number line
- Graph points in all four quadrants of the coordinate plane
- Solve ratio and rate problems about quantities

Curriculum for the upcoming school year of which students should be aware, and areas that might be a challenge for students, with suggestions on how students can prepare for the upcoming year:

- Add, Subtract, Multiply, Divide negative and positive numbers.
- Solving 2-Step Equations and Inequalities
- Finding Area and Circumference of Circles
- Graph proportional relationships
- Solve percent problems involving discounts, interest, taxes, tip, and percent increase/decrease
- Understand and evaluate probability models

Suggested Summer Reading:

N/A

Suggested Activities/Practice Assignments

- [Ixl.com](http://Ixl.com)
- [Edulastic.com](http://Edulastic.com)
- [Khan Academy](http://Khan Academy)
- [Commoncoresheets.com](http://Commoncoresheets.com)
- [Math Antics Videos](http://Math Antics Videos)
- [Openmiddle.com](http://Openmiddle.com)
- [Math.com](http://Math.com)
- [Ipracticemath.com](http://Ipracticemath.com)