

K-8 Loudon County Summer Scholars Guide 2019-2020

Rising Grade: 8th Grade

School: Fort Loudoun Middle School

Curriculum covered during the previous year (7th grade) that requires continued retention and repetition for students:

Solve Two-Step Equations

Add, Subtract, Multiply, and Divide Rational Numbers (Positive/Negative Numbers, Fractions, and Decimals)

Multiplication Facts

Slope/Unit Rate/Rate of Change from a Table, Graph, and Equation

Curriculum for the upcoming school year (8th grade) 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:

Graphing on a Coordinate Plane

Solve Multi-Step Equations with Variables on Both Sides

Volume Formulas for Cones, Cylinders, and Spheres (Memorize and Apply)

Perfect Squares and Cubes

Suggested Activities/Practice Assignments

www.khanacademy.org – free videos, practice, and explanations of almost any topic!

www.ixl.com- math computation practice of skills from k-algebra- students have school account!

www.purplemath.com- written lesson and explanations for working problems- free!

www.thatquiz.org- computation problems at every level- free!

www.xtramath.org- addition, subtraction, multiplication, and division- free to sign up for an account!