

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

Rising Grade: 4<sup>th</sup> grade Math

School: Loudon County Schools

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

- Memorization of multiplication facts
- Area and perimeter practice
- Addition and subtraction fluency
- Place value knowledge
- Rounding
- Basic fraction understanding
- Angles
- Parallel and perpendicular lines

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:

- Multiplying 2-digit by 2-digit numbers
- Factorization
- Long division
- Area and perimeter – finding missing side lengths
- Fractions – comparing, equivalency, common denominators, simplifying
- Add and subtract fractions and mixed numbers
- Intro to decimals
- Multi-step word problems with all four operations (add, subtract, multiply, divide)

Suggested Summer Reading:

Suggested Activities/Practice Assignments

- Multiplication flash cards
- [www.khanacademy.org](http://www.khanacademy.org) – videos and practice
- IXL - [www.ixl.com](http://www.ixl.com)
- [www.thatquiz.com](http://www.thatquiz.com)
- [www.xtramath.org](http://www.xtramath.org)
- [www.prodigygame.com](http://www.prodigygame.com)
- Workbooks may be purchased at SchoolBox, Amazon, Walmart, Dollar Tree, etc.