

## Summer Assignment – Incoming 8<sup>th</sup> Graders

Dear Parents,

As you may know, every summer the math department encourages our students to maintain and develop their math skills. This summer we are asking in-coming 8<sup>th</sup> grade enriched students to participate in a Khan Academy program. The program of study will cover:

- Fractions, Decimals
- Reading and Interpreting Data
- Negative Values and Coordinate Plane
- Ratios, Rates and Proportions
- Equations, Expressions and Inequalities
- Exponents, Radicals and Scientific Notation

Your child will receive an email to invite them into the Khan Academy program. Once the email is received please have them sign up and accept me (Mrs. Spiegel) as their coach. Another option is to enter the following class code: 96P9S487. Within the program students will click “Subjects”, “Math by Grade”, “7” and then the “Mission” tab.

The program offers a nice balance of instruction and practice. There are instructional tutorials for every topic if the student needs coaching and problems that provide the practice and repetition necessary to master the concept. We encourage students to log a minimum of eight hours over the course of the summer working on these problem sets.

While the Khan Academy program is fairly self-explanatory, we will post an instructional sheet on the 8<sup>th</sup> grade math website (see URL below) that you can reference.

<https://www.carlisle.k12.ma.us/Page/1473>

We hope you have a wonderful summer and we look forward to working with your child in September.

Anne Spiegel  
8<sup>th</sup> Grade Math Teacher

Jessica Montague  
Team Teacher / Special Educator