

June 2019

Dear Parent/Guardian,

We are so excited for your child to join us in the seventh grade at AMY Northwest this upcoming September!

As your child's math teacher, I want to do all that I can to help them succeed. I am anticipating an exciting year of hard work and growth. In order to ensure this, I am providing you with a list of topics your child should be proficient in for success in seventh grade math. It is expected that all students will review this material over the summer so they are ready to go when the school year starts in September.

Since the seventh-grade year is especially important for the high school application process in 8th grade, it is imperative that your child comes to 7th grade with a solid understanding of the following 6th grade topics:

- ❖ Basic addition, subtraction, multiplication, and division facts (without the use of a calculator)
- ❖ Placing integers and fractions on a number line
- ❖ Understanding place value up to the hundred-thousands (and decimals to the hundredths)
- ❖ Word problems that require the use of addition, subtraction, division, or multiplication
- ❖ Addition, Subtraction, Multiplication, and Division of Fractions
- ❖ Converting mixed numbers to improper fractions
- ❖ Equivalent Fractions
- ❖ Addition, Subtraction, Multiplication, and Division of Decimals
- ❖ Converting fractions to decimals and converting decimals to fractions

To review these skills over the summer, students are encouraged to review their own text/workbook from 6th grade, as well as use various websites to assist. Some suggestions are:

Khan Academy - <https://www.khanacademy.org/>
Math Playground - <https://www.mathplayground.com/>
IXL - <https://www.ixl.com/>
Math Antics - <https://www.mathantics.com/>
Imagine Math – can be accessed through your student's SDP portal

Please reach out to me at erholzman@philasds.org with any questions you may have over the summer. I am looking forward to working with you and your child!

Sincerely,
Ms. Emily Holzman