

Hello Parents,

Summer Solutions will not be required for students to complete this summer. However, we feel that students should be keeping up with their math facts so that they are proficient at the beginning of next school year.

To ensure students are retaining the necessary math skills and to encourage student participation in math over the summer, all incoming 5th-8th graders will be given a small assessment at the beginning of next year. The assessment will consist of *grade appropriate* computation problems. Problems such as addition, subtraction, multiplication, and division of rational numbers (whole numbers, integers, decimals, and fractions) will be given. See the checklist on page 2 for specific skills that will be covered by grade.

There are many resources to assist you and your child. We have listed just a few that we feel are beneficial.

- <https://www.khanacademy.org/math>
- You can order a summer solutions booklet.
- There are a lot of free resources online if you google the operation and the type of number (i.e. "multiplying fractions").
- There are also other workbooks available online or through bookstores. Search topics such as "middle school computation practice."

We also encourage you to keep the math conversation going at home. Find math in your everyday activities and discuss them with your child. Activities such as going to the grocery store, cooking, doing laundry, and purchasing food from the pool snack shack all have many math concepts that can be discussed.

We will upload a couple of video tutorials on the basic skills of computation. Check our websites for current information about summer work.

Please let us know if you have any questions.

We hope you have a wonderful, relaxing summer!

Peter and Meredith

Use this skill list as a checklist and/or guide for summer practice!

Incoming 5th graders will be assessed on...

- Adding and Subtracting Whole Numbers
- Multiplying and Dividing Whole Numbers (up to 2 digits, single digit divisor)
- Adding and Subtracting Fractions and Mixed Numbers with Like Denominators
- Adding and Subtracting Decimals (through the thousandths)

Incoming 6th and 7th graders will be assessed on...

- Adding, Subtracting, Multiplying and Dividing Positive Whole Numbers
- Adding, Subtracting, Multiplying and Dividing Positive **Fractions and Decimals**

Incoming 8th graders will be assessed on...

- Adding, Subtracting, Multiplying and Dividing Positive and Negative Whole Numbers,
- Adding, Subtracting, Multiplying and Dividing Positive and Negative Fractions, and Decimals
- Computing Expressions Using the Order of Operations