

## Mathematics (Mrs. Pilon)

### 7<sup>th</sup> Grade

Goals: Students will be able to add, subtract, multiply, and divide whole numbers, integers, and rational numbers. Students will be able to solve 1-step, 2-step, and multi-step, simple equations. Students will be able to solve with percents and proportions.

Objective: Students will learn the properties of mathematics that will allow the students to attain the above goals.

All 7<sup>th</sup> graders use the textbook entitled, *Pre-Algebra by Prentice Hall Mathematics*. All homework is to be done in pencil. Notes may be done in pencil or pen. We will also be doing Accelerated Math this year. Usually, *four* Accelerated Math **Tests** are required for each quarter. **Tests** are to be done in class. **Practices** may be done in class or at home.

The Accelerated Math Program is designed so that each student can move at their individual pace. Students manage their own scoring and receive instant feedback *and* continuous **Practice** assignments. Therefore, students can work on Accelerated Math every night if they choose!! Please encourage your child to keep up with Accelerated Math **Practices** and **Tests** so they are not overwhelmed at the due date.

### 8<sup>th</sup> Grade

Goals: Students will be able to solve simple equations, quadratic equations, linear equations, rational equations, and radical equations.

Objective: Students will learn the properties of Algebra in order to give students a basic foundation in allow the students to attain the above goals.

All 8<sup>th</sup> graders use the textbooks entitled, *Foundations of Algebra, Algebra: A Traditional Approach to Problem Solving, and Algebra: Structure and Method*. All homework is to be done in pencil. Notes may be done in pencil or pen. There will be homework most every night. We will also be doing Accelerated Math this year. Usually, *four* Accelerated Math **Tests** are required for each quarter. **Tests** are to be done in class. **Practices** may be done in class or at home.

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