

## COURSE EXPECTATIONS

*Seventh Grade Mathematics*  
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**Room 100**

**Textbook: Pearson – Envision Math 2.0 – Volumes 1 & 2**

### **I. Course Overview:**

*Seventh grade math course builds on previously introduced mathematical content and skills, including place value whole number algorithms, estimation, patterns, probability, and developing mathematical fluency with decimals and fractions. In addition, ratios, proportions, percents, statistics, integers, geometry and probability will also be introduced. Problem solving, connections, reasoning and communication are integrated throughout this course. The use of manipulatives, mathematical tools, and technology, including calculators and computer software is integrated in class. Real work application plays a big role in this course. With the implementation of the Common Core Standards students will be expected to :*

- *Make sense of problems and persevere in solving them*
- *Reason abstractly and quantitatively*
- *Construct viable arguments and critique the reasoning of others*
- *Model with mathematic, using all representations to solve a problem*
- *Use appropriate tools, manipulatives, and technology*
- *Attend to precision*
- *Look for and make use of structure*
- *Look for and express regularity in repeated reasoning*

### **II. Overall Course Objectives (Common Core Standards)**

- *Ratios and Proportional Relationship*
- *The Number System*
- *Expressions and Equations*
- *Geometry*
- *Statistics and Probability*

### **III. Material Required:**

- *Students will be expected to have all needed materials on a daily basis. Textbook should be brought to each class meeting unless otherwise specified.*
- *Three ring binder*
- *Dividers (3)*
- *Loose leaf paper (enough for the year)*
- *Pencils and erasers (enough for the year)*
- *Calculators, rulers, protractors, etc. will be supplied in class*

#### **IV. Class/Behavior Expectations:**

*The most important rule in my class! Treat your classmates, yourself and me with respect! **Students are responsible for their actions**, so they need to make sure their actions reflect them positively. I also expect my students to:*

- *Do their best on each assignment*
- *Do their own work so that I will never have to question honesty and integrity*
- *Be courteous to me and to each other at all times. **There is never an excuse for rudeness.***
- *Abide by all rules in the school handbook.*
- *I expect students to come to class each day prepared with all supplies and textbook and homework completed.*

#### **V. Grading Policy (percentages, points, etc.):**

*Grades are calculated on a straight point average. Special assignments, quizzes, and tests are given a point value. All assignments and grades are posted to Power School with their designated point value and the value earned by the student. All homework, tests and quizzes are also posted on Remind.com prior to their administration.*

#### **VI. Teacher Availability for Extra Help (Day and Time):**

*I am available for help during class, break, SRBI period and after school. I ask that I be given one day's notice since I have meetings and appointments scheduled.*

#### **VII. Wheeler Academic Expectations met by this course:**

- *Analysis – this is the expectation my students are graded on.*
- *Collaboration*
- *Communication*
- *Literacy*

The Mathematic Department is working together on the Academic Expectation – Analysis. Central to the Common Core is the ability to see and choose different strategies to solving problems, to analyze key information and use prior knowledge to arrive at a solution. And to use appropriate forms of technology to accomplish these tasks.