

### **Course Description**

Seventh Grade Mathematics is the second course in mathematics for middle school students. The focus areas of the grade 7 are:

- Developing understanding of operations with rational numbers and working with expressions and linear equations.
- Developing understanding of and applying proportional relationships.
- Solving problems involving scale drawings and informal geometric constructions, and working with two-and-three dimensional shapes to solve problems involving area, surface area, and volume.
- Drawing inferences about populations based on samples.

### **Textbook**

7<sup>th</sup> Grade Envision Accelerated, 2017 Savvas Realize

### **Course Platform**

We will utilize for this course the Savvas Realize Platform as well as IXL.

### **Timeline**

(This is subject to change depending on the needs and abilities of the students.)

#### **Quarter 1**

Topic 1: Rational Number Operations

Topic 2: Real Numbers

Topic 3: Analyze and Use Proportional Relationships

#### **Quarter 2**

Topic 4: Analyze and Solve Percent Problems

Topic 5: Generate Equivalent Expressions

Topic 6: Solve Problems Using Expressions and Inequalities

#### **Quarter 3**

Topic 7: Analyze and Solve Linear Equations

Topic 8: Use Sampling to Draw Inferences about Populations

## Quarter 4

Topic 10: Solve Problems Involving Geometry

Topic 11: Congruency and Similarity

### Materials

Each student must have all supplies listed below. These supplies must be brought to class everyday.

- iPad
- Pencil
- Paper (lined and graph)
- Binder
- Earbuds
- Dry erase markers

### Acceptable Use Policy (“AUP”) for iPad

Saint Hugh Catholic School is committed to student use of technology as a tool to expand learning opportunities and conduct scholarly research. Along with the opportunities this provides, comes responsibility. This **Acceptable Use Policy** is designed to give the student and the student’s family clear and concise guidelines regarding the appropriate use of Apple iPads. We expect our students to exercise good judgment and to utilize technology with integrity.

### Grades

**40% Tests** Test will be announced ahead of time.

**20% Quizzes** Some quizzes will be announced. Some will not. Quizzes will be done in a variety of formats. Quizzes will cover concepts in class as well as vocabulary.

**10% Classwork /Participation** Classwork will be assigned daily!!

**30% Project Based Assignments** There will be a minimum of one project each quarter.

**Available for Q/A :** I will be available from Monday through Thursday, 3:10pm to 3:40pm. Advance notice is required.

**Plagiarism:** If you plagiarize an assignment or assist in another person doing so you will receive a zero. The giver and the receiver receive the same punishment, no question asked. Administration will be notified.

**Deadlines:** A deadline is a deadline. No late work will be accepted! You are expected to complete your assignments and have it turned in the due date.

**Make up:** A student with an absence is required to make-up all work missed (tests, quizzes, homework, classwork, projects, etc.) The student will have the same number of calendar days he/she was absent

to make-up the work. Any work not made up during this time will receive a grade of zero (0). It is the student's responsibility to obtain assignments for all make-up work and completed as directed. Students are to make an effort to determine what assignments are being given in class from friends and their teachers. All assignments and tests have a potential to receiving 100% if the student obtains that grade. ASSIGNMENTS /PROJECTS THAT ARE ASSIGNED PRIOR TO THE ABSENCE AND DUE ON THE DAY OF THE ABSENCE MUST BE TURNED IN ON THE DAY THE STUDENT RETURNS TO SCHOOL.

*Students with unexcused absence will receive a zero on any assignments/quiz or test given the day of the absence.*

*Make-up Tests/Quizzes* will be available in the Math Lab after school. Students who fail to take the tests within the allowed time frame will receive a zero (F) on the test/quiz. It is not up to the teacher to remind students of making up tests, quizzes.