



## Basic Math 8

Tanya Coward  
tcoward@ems-isd.net

**Conference Period:** My conference period will be **TBD**

**Tutoring Opportunities:** Tutorials will be held Mondays and Thursdays afternoon (3:30 – 4:30) and Tuesdays mornings (7:45 – 8:15).

### Class Materials:

**Replace this text with any or all of the following:**

- Springboard Book (found in the SSO).
- One composition notebook.
- Pencil (no pens will be allowed in math).
- Office 365 (found in SSO).
- Headphones

Access to Canvas and Office365 tools is available to students through our [Single Sign-on Portal \(SSO\)](#). Students receive their SSO login during enrollment.

### Course Description:

**This course is designed to meet the individual needs of the student and provides the experiences necessary to become mathematically literate for the 21st century. The primary focal points at Grade 8 include representing, applying, and analyzing proportional relationships; using expressions and equations to describe relationships, including the Pythagorean Theorem; making inferences from data; and financial literacy. Use of mathematical processes to acquire and demonstrate understanding is emphasized.**

### Course Goals:

Students who complete this course successfully will be able to:

- compare and order real numbers arising from mathematical and real-world contexts.
- understand and apply functional relationships can be articulated in multiple ways (tables, graphs, mapping diagrams, equations, relations).
- use formulas to solve problems involving surface area and/or volume.
- Understand that equality is the fundamental concept of comparing quantities (solving equations, inequalities, and systems).
- Apply the Pythagorean Theorem when solving real-world problems.

## **Student Evaluation:**

### **The grading system for this course is as follows:**

- Grade averaged 60% Major 40% Minor
- Major grades – tests (including District Common Assessments, six weeks assessments, projects, final essays, research papers, presentations); minimum three per six weeks
- Minor grades – quizzes, daily assignments, journals; minimum four per six weeks
- Semester exams will count 1/7 of the semester grade
- A letter system (S, N, U) is used to report a student's conduct based on proper/responsive conduct and citizenship
- Per Board Policy EIA (LOCAL), "The District shall permit a student who meets the criteria detailed in the grading guidelines a reasonable opportunity to redo an assignment or retake a test for which the student received a **failing** grade. This policy applies only to initial identified major grades and does not apply to daily assignments, quizzes, six-week test, and semester final examinations. Upon reteach and retest, the new test, project, etc. recorded will be a high score of 70%.
- Official grades will be in Skyward only and can be accessed by student and parent through Family Access.

### **Assignments, exams, expectations outside of the classroom:**

We have a District Common Assessment at the end of every unit. These are major grades and corrections can be made on these exams in order to increase the grade. Students may need to take home assignments not finished during the school day in order to complete them. Homework may be assigned throughout the year as well.

### **Attendance/Tardy Policy/Make-Up Work:**

Students will be held to the district policy for attendance, and late work. In the 6 weeks grading period students will be issued a detention for the 3rd, and 4th tardy. A 5th tardy will result in a day of SAC for the student. Students who need make up work should come see me or look on Canvas for the day's assignments.

### **Classroom Expectations:**

Students will be held to high expectations in math. Rather if it is in-person or distance learning, students will be given a deadline for all assignments. Students will be expected to turn in all assignments by the given deadline with no exceptions (other than absence for in-person students). There will be daily assignments for all students, online students will be required to complete the assignment every day to show attendance. Students will be respectful to the teacher, other students, and themselves throughout the year. Any display of disrespect will result in disciplinary consequences. Students will follow the school's dress code while they are on campus. Distance learning students will dress appropriately during Microsoft Teams meetings, which means no revealing, offensive, or explicit clothing.

### **Preliminary Schedule of Topics, Readings, and Assignments**

- First Six Weeks
  - Unit 1 – Numerical Relationships
  - Unit 2 – Proportional and Non-Proportional Relationships
- Second Six Weeks
  - Unit 2 – Proportional and Non-Proportional Relationships
  - Unit 3 – Geometry and Measurements
- Third Six Weeks
  - Unit 3 – Geometry and Measurements
  - Unit 4 – Equations and Inequalities
  - Unit 5 – Geometry and The Coordinate Plane
- Fourth Six Weeks
  - Unit 5 – Geometry and The Coordinate Plane
  - Unit 6 – Data Analysis and Financial Literacy
- Fifth Six Weeks
  - Unit 6 – Data Analysis and Financial Literacy
  - STAAR Review
  - STAAR
  - Unit 7 – Geometry Extensions
- Sixth Six Weeks
  - Unit 7 – Geometry Extensions
  - Unit 7 – Cross Curricular Extensions

**Academic Integrity:**

**Academic integrity values the work of individuals regardless if it is another student’s work, a researcher, or author. The pursuit of learning requires each student to be responsible for his or her academic work. Academic dishonesty is not tolerated in our schools. Academic dishonesty, includes cheating, copying the work of another student, plagiarism, and unauthorized communication between students during an examination. The determination that a student has engaged in academic dishonesty shall be based on the judgment of the classroom teacher or other supervising professional employee and considers written materials, observation, or information from students. Students found to have engaged in academic dishonesty shall be subject to disciplinary and/or academic penalties. The teacher and campus administrator shall jointly determine such action.**