



Basic Math 8th Grade

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Conference Period: 8th Period (2:45 p.m. – 3:30 p.m.)

Tutoring Opportunities: Monday-Friday 7:45 a.m.-8:15 a.m.; and by appointment

Class Materials:

- Pencils / Notebook Paper
- One 1½-inch binder
- TI 84 plus calculator (optional, but highly recommended)
 - During in-person learning, students will use school provided calculator
 - iPhone app: Graphing Calculator X84 (free)
 - Android app: Graphing calculator plus 84 graph emulator free 83
- Digital tools: Canvas, Microsoft Teams
- CollegeBoard SpringBoard Mathematics, Course 3

<https://eaglemountain-saginawindependenttx.springboardonline.org/ebook/login>

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:

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:

- Represent, apply, and analyze proportional relationships;
- Use expressions and equations to describe relationships, including Pythagorean Theorem;
- Make inferences from data;
- Understand financial literacy;
- Understand and use mathematical processes to demonstrate their understanding.

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:

Homework will be assigned to help students master the material and concepts of the class.

- Students will typically be given time in class to work on homework assignments and should be completed by the beginning of the next school day unless otherwise advised.
- Homework assignments will be considered late if not turned in on designated due date.
- All assignments should be completed in pencil & all work shown to receive credit.
- Students are encouraged to work together on homework assignments. Working together means that students will help each other understand the material and work through the problems. Cheating occurs when a student shares or receives an answer(s) without the mathematical conversation/explanation that must occur to help with understanding/mastery.
- Cheating or any dishonesty will result in a grade of 0 being recorded in the grade book.
- Tests and projects will be used for major grades and much of the work will be completed during class.

Attendance/Tardy Policy/Make-Up Work:

Homework assignments are to be completed and ready to be graded at the beginning of the class period unless otherwise advised. An assignment may be turned in late under the following guidelines:

- 1 school day late (15% penalty) – (grade earned x 85%) maximum grade is 85.
- 2 school days late (30% penalty) – (grade earned x 70%) maximum grade is 70.
- 3 school days late (40% penalty) – (grade earned x 60%) maximum grade of 60.
- 4+ school days late (50% penalty) – (grade earned x 50%) maximum grade of 50.

Assignments may be corrected for a higher grade.

- When assignments are turned in *ON TIME* and *COMPLETE*, then half credit can be earned back up to an 85%.
- When assignments are turned in *LATE* or *INCOMPLETE*, then half credit can be earned back up to a 70%.
- Corrections must be done on a Corrections Sheet, all work shown and stapled to the original assignment.
- One week is given to students to correct homework and turn in for re-grading.

Make-up work:

- Make-up work is the responsibility of the student that was absent.
- The student must check with the teacher regarding all make-up work when he/she returns to class.
- Notes and assignments will be labeled with student name and located in the class absent folder.
- Students have the number of days absent plus one extra day to complete and turn in all assignments, including taking tests.

Tardy policy:

- Tardies will be marked in Skyward
- First tardy is a freebie
- Second tardy is a warning
- Third tardy teacher conference, call home
- Fourth tardy office referral

Classroom Expectations:

All students will be expected to follow the respect agreements created in class. Students will be successful when fully engaged in the learning process. This includes: actively taking notes, asking questions, completing all assignments on time, attending tutoring when needed, retaking tests for a higher grade, and attending class with minimal absences.

Preliminary Schedule of Topics, Readings, and Assignments

Unit 1: Numerical Relationships

Unit 2: Proportional and Non-Proportional Relationships

Unit 3: Geometry and Measurement

Unit 4: Equations and Inequalities

Unit 5: Geometry and the Coordinate Plane

Unit 6: Data Analysis and Financial Literacy

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.