



8th Grade Math

Chad Berry

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Conference Period: 6th Period 1:11 pm - 1:58 pm

Class Materials:

- Students will need a 3-ring binder, pencils & AAA batteries. Markers, highlighters, and colored pencils should be carried from class to class.
- Students will be expected to have their school issued planner every day.

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 the Pythagorean Theorem
- Make inferences from data
- Be literate of finances
- Use mathematical processes to acquire and demonstrate understanding is emphasized

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 ten 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%.

Assignments, exams, expectations outside of the classroom:

Students will be expected to work collaboratively with groups daily. Most assignments will be given in class, with class time to complete. Any assignments that are not completed in the allotted class time will be completed for homework. Tests, quizzes, and projects will be used for major grades and most of the work will be completed during class.

Attendance/Tardy Policy/Make-Up Work:

- Be present **every day** for class. Additionally, make sure you are **always** on time! Instructional time is bell to bell, so if you are not physically present and engaged, you are missing valuable learning.
- Should students become ill and unable to attend class, parents may email Coach Berry to obtain missing assignments, or students may see Coach Berry upon their return to school. Please note: **STUDENTS** are responsible for any assignments, notetaking, or learning that is missed.

Classroom Expectations:

- Respect yourself, the teacher & others
- Always put forth your best effort
- Be prepared for class each day
- Follow directions when given
- Pay attention, participate, and ask questions
- Preserve a positive learning environment
- Take responsibility for your actions

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 of 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.