



MARINE CREEK MIDDLE SCHOOL

**AS MUSTANGS, WE... ENTER TO GROW, ENGAGE WITH GRIT, & LEAD WITH POWER
#HORSEPOWER**

8th Grade Math

Chad Berry

Cberry01@ems-isd.net

Conference Period: 3rd period 10:04 am – 10:49 am

Tutoring Opportunities: Virtual - 3rd period. In-person - Lunch tutorials per request.

Class Materials:

- Documents will be uploaded to Canvas regularly.
- Students will need a spiral or composition book.
- Students will be expected to have their school issued planner every day.
- Students will be provided a TI-84 calculator in person. Students can use [desmos.com](https://www.desmos.com) for an online graphing calculator. Students enrolled in a high school level math course (including middle school algebra), Chemistry, or Physics will be using a Texas Instruments TI 84 PLUS or a TI 84 PLUS CE graphing calculator. This calculator can be found online and in many stores that sell school supplies. The calculator can be used throughout all high school courses a child attends during their enrollment. If you have any specific questions or concerns, please contact me.
- 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. Students in this course will take the 8th Grade STAAR test, and successful completion of this course is a prerequisite for 8th Grade Algebra 1.

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

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:

Students will be expected to work collaboratively with groups on a daily basis. The majority of 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 the majority of the work will be completed during class.

Attendance/Tardy Policy/Make-Up Work:

- Attendance: Students are expected to attend class every day possible to avoid truancy. Secondary attendance will be taken each class period using Skyward. Teachers can change attendance codes up to 24 hours after date. Secondary will assign a class activity or assignment for each class period to ascertain attendance. Attendance is based on one of the following criteria:
 - Data from CANVAS and/or TEAMS showing progress made that day;
 - Daily progress evidenced from teacher/student interactions made that day; or
 - Completion and turn-in of assignments, quizzes, or participation in discussion questions planned for that day.
- Tardy Policy: Please refer to the student handbook regarding our campus Tardy policy
- Make-up Work: Most assignments are done within the time given for class. If a student is absent (exempting school related activities) they will get an additional day for each day absent. Students who are aware they will be absent due a school activity are responsible for turning in assignments the day they return to class.
- Late Work: I accept late work on a case by case basis. Students are expected to keep up with the current topics being discussed in class and complete assignments on dates given.

Classroom Expectations:

All students are expected to create the respect agreements created in class. Students are expected to come to class prepared and open minded. They must be ready to be challenged and work hard in order to be successful. They will work independently as well as in groups throughout the year. Respect is a must in the classroom for one another, the teacher, and our classroom.

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.