

## COURSE CODE: Math 8

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1st Trimester-2017  
Monday-Friday  
Credit hours: 1 Trimester Credit

**COURSE DESCRIPTION:** This course is set up in a unique way. The publisher of the curriculum is CPM, which is an acronym for “Cooperative Learning,” “Problem Based Learning,” and “Mixed Space Practice.” By working cooperatively with classmates to solve problems, students will be engaging in a practice which embodies the main idea of CPM, which is:

“To be successful in mathematics, students need to develop the ability to reason mathematically. To do so, students need to think about what they already know and then connect this knowledge to the new ideas they are learning. Many students are not used to the idea that what they learned yesterday or last week will be connected to today’s lesson. Too often students do not have to do much thinking in school because they are usually just told what to do. When students understand that connecting prior learning to new ideas is a normal part of their education, they will be more successful in this mathematics course (and any other course, for that matter).”

**PREREQUISITES/COREQUISITES:** No prerequisites required.

**OBJECTIVES:** As a result of this course, you will be able to:

- Collect data
- Find patterns
- Write and solve an equation
- Draw a graph
- Work backward
- Explain what a variable is
- Write and simplify algebraic expressions
- Compare two complicated algebraic expressions
- Solve for a variable if you know that two expressions are equal
- Find a rule from a table
- Represent a situation using a table, a rule, and a graph
- Graph linear and parabolic rules using an appropriate scale
- Explain what it means for something to be the solution to an equation, and what it means for an equation to have no solution.
- Determine the number of solutions to an equation

### INFORMATIONAL RESOURCES:

Google classroom and CPM ebooks will be your go to place for handouts and resources from class.

**ATTENDANCE AND PUNCTUALITY:** If a student is absent please contact the office to let us know.

Students who arrive at school after the first tardy bell should report to the main office to sign in.

Students are allowed nine (9) absences per class period during the semester.

Students who receive ten (10) absences in any class will lose credit unless cleared by the attendance office as extraordinary within five (5) days of the absence. Verbal communication must come from a parent/guardian within 48 hours of the absence to prevent truancy.

The following absences count against a student's total of nine (9) absences: In-School Suspension (I), Out of School Suspension (O), Truancy (R), Unverified (A), Verified (E), Unexcused (U)

**MAKE-UP WORK:** After an absence, it is the student's responsibility to communicate with the teacher for make-up work. They are to check Google Classroom or Skyward. Make-Up work should be turned in within a reasonable time in accordance with the teacher's late work policy.

**TARDIES:** Students are considered tardy if not in their assigned classrooms when the tardy bell rings. Tardies accrue on a semester basis. The tardy policy incorporates the following:

First Tardy -- Teacher warns student

Second Tardy -- Teacher warns student

Third Tardy -- Student assigned to designated detention

Fourth Tardy -- Student assigned after school detention.

Additional Tardies - Saturday School (9:00am-12:00pm) \*\*

**COMMUNICATION:** I teach part time and do not get on campus until 10:15. If you have a question you can reach me by email. I will answer emails within 24 hours Monday through Friday.

Skyward is where you will find the grades for students. (\*Note: you can set Skyward up to email you progress reports and missing assignments so you don't have to go into Skyward to find out how you are doing). I will try to have all grades updated and in the gradebook no later than midnight on Sundays.

**CELL PHONES, COMPUTERS, AND OTHER ELECTRONIC DEVICES:** Cell phones will not be allowed in class. Violations will result in a verbal warning the first time, loss of phone for the class period the 2<sup>nd</sup> time and if a 3<sup>rd</sup> time should occur parents will be notified and phone will be taken to the office.

**FOOD AND DRINK:** Not allowed in class as we are now using one 1:1 technology.

**GRADING:**

Students in this course will be graded in two areas - Formative assessment (review/preview and group work) and summative assessment (tests).

Student work will be graded based on a five point rubric which corresponds to percentages when entered into the grade book. Scores will be broken down as follows;

5 - 100%

4 - 85%

3 - 70%

Anything below a 3 will be required to be redone. Until assignments are redone, they will show up in the grade book as a zero.

Final letter grades are as follows:

90-100% = A    80-89% = B    70 -79% = C    60-69% = D    < 59% = F

**ASSIGNMENT SUBMISSION:** Assignments will be turned in via hardcopy in the turn in box.

**LATE WORK:** Students are allowed to turn in late work up until the section test. Late work will not be allowed full credit due to the nature of this course. We do spend time reviewing the assignment during class time. If the assignment is not turned in during that allowed time period, the student will receive a zero on the assignment.

**RESUBMISSIONS:** I allow students to redo assignments for a better grade. I also allow students to redo tests. To redo a test, students must have all assignments completed with a 3 or above and complete corrections on the original test.

**PLAGIARISM/ACADEMIC OFFENSES:** If a student is caught plagiarizing or cheating they will be required to do the assignment again from the beginning or complete an alternate assignment and parents will be notified. The redo of the assignment will be completed outside of school time. The incident will also be handled by administration as a disciplinary issue that will be documented in Skyward. If the student chooses to not redo or complete the alternate assignment, they will receive a 0%.

**SUPPLIES:** Students must bring the following to class every day:

- Composition book for class notes - preferably one with graph paper
- A pencil for notes and review/preview
- A pen for corrections
- Students may also want bring a calculator (a cell phone will not be allowed as a calculator)