

COURSE: GEOMETRY

TEACHER: Mr. Halvorson

Classroom: A102 Office A110
Available for help: 6:30-7:20am and 2:25-3:30pm
Email: jim.halvorson@district196.org

COURSE DESCRIPTION:

This geometry course will emphasize reading, writing, problem solving, real-world applications, technology, and the integration of algebra and other math topics as they are related to geometry. This course will investigate the plane geometry of lines, triangles, polygons, and circles. It will involve proofs of triangle congruence and similarity of various shapes. Additional topics will include solid geometry, compass constructions, perimeter, area, and volume, logic, and right triangle trigonometry. The text is **GEOMETRY**-Holt/Rinehart/Winston. A Web-based book will also be made available through the use of a password.

OJECTIVES:

1. Develop the mathematical skills necessary for future success.
2. Elevate critical thinking skills and problem solving skills.
3. Become a better person.

REQUIRED SUPPLIES: 3-Ringbinder for Geometry only!!
Pencils and pens
Scientific calculator such as the TI-30xIIa
A QUALITY compass, protractor, and ruler

HOMEWORK: 20% of your grade

Students will have a homework assignment nearly every day. An assignment sheet with the entire chapter's homework will be given at the beginning of each chapter. Students are expected to read each lesson and have the assignment completed for the next class period. Each student should **attempt to do every problem**. This may include re-reading, studying examples in the book, reviewing your notes, and/or asking others for help. (**Show ALL work and try EVERY problem**). I will check your assignments daily. Parents can reinforce the value of doing well in mathematics by encouraging regular study habits. Assignments will be collected daily. There may be an opportunity to demonstrate additional learning through a project of some type.

TESTS & QUIZZES: 80% of your grade

Tests and quizzes are cumulative (that means, that sometimes, your chapter 2 material could show up on your chapter 6 test!!). Expect quizzes weekly and tests at the end of each chapter or unit. If you are absent on a quiz or test day, you must take it the following day. There will be a Final Exam at the end of each semester.

GRADING:	93-100	A	90-92	A-	87-89	B+	83-86	B
	80-82	B-	77-79	C+	73-76	C	70-72	C-
	67-69	D+	63-66	D	60-62	D-	Failure is not an option	

A FEW THINGS TO REMEMBER:

- How you do your work is a reflection of yourself!
- Follow class rules. Be prompt, prepared, polite, and productive.