



Joplin High School
Geometry A
Mathematics
A = 4
Full Course Year for 1 Credit
Syllabus and Expectations

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Course Description:

Geometry A is a hands-on mathematics course designed to help students understand the geometry concepts necessary to work and live in a technical world. The course reinforces basic geometry concepts and utilizes problem-solving exercises to develop and refine occupational related math skills, and is a preparatory course for Algebra IIA. This course, along with Math Applications and Algebra I, will provide students with the skills necessary to enter a community college, technical school, or to seek employment.

Prerequisites:

Successful completion of Math Applications or Algebra 1.

Major Course Objectives:

Understanding two and three dimensional objects; to think logically.

Course Goals and Topics Covered in the Course:

Points, lines, angles, and planes; polygons; polyhedra; circles; proofs/reasoning.

Required Textbook and Recommended Readings:

Geometry: Concepts and Skill - online textbook

Special Resources (Including INTERNET RESOURCES):

Classzone.com

Supplies and Fees:

Evaluation Of Course (Includes grading percentage, participation)

A. Grading Scale

90 -100% A

80 - 89% B

70 - 79% C

60 - 69% D

0 - 59% F

B. Grade Distribution per Activity (percentage or points)

40% Homework

60% Tests and Quizzes

10% Final Exams

C. Class Participation and Expectations:

NO food and drinks in the classroom and NO use of electronic devices.

Attend class equipped and prepared; turn in class work when assigned and on time; be attentive; take notes when appropriate.

D. Special Projects, Writing Activities, and Assessments

Unit test, quizzes, class work, homework, semester final, mid-semester test, occasional projects.

E. Academic Dishonesty Policy

(Policy from Student Handbook)

F. Late Work/Make-up Work

It is expected that work be completed when due. Students that have an "authorized" absence should make up missing work before the next assessment. A missed exam should be made up within one week.

G. Tutoring and Extra Help

Tutoring will be available both before and after school with a math teacher from our department. A schedule of teachers and days will be given at a later time.

Calendar Of Events/Tentative Schedule For Units Of Study

1st Quarter: Chapters 1, 2, and 6

2nd Quarter: Chapters 8 and 9

3rd Quarter: Chapters 3, 4, and 5

4th Quarter: Chapters 7, 11, and 10.1