

Schedule

Sept. 11/12

Lesson Objective(s): Students will use the Ruler Postulate. Students will copy segments and compare segments for congruence. Students will use the Segment Addition Postulate.	CC State Standards
Previous Learning: Students have prior knowledge of congruent segments from middle school.	HSG-CO.A.1
New Vocabulary: postulate, axiom, coordinate, distance, construction, congruent segments, between	HSG-CO.D.12

Monday - 1.2 section

Warmup --Use graph piece of paper and graphing points,

Exploration of pythagorean theorem for solving for hypotenuse

Measure in cm versus fraction of inches with rulers.

Review vocabulary Ray: Same, Different, Opposite

Line Segments can be measured. Collinear, Between, Distance=length

Use the Dynamic Classroom Lesson 1.2 Examples

Complete the Student Journal Problems pg 11

Tuesday -

Practice worksheets to review section 1.2

Geometry Lesson 1.3: Using Midpoint and Distance Formulas

Essential Question: How can you find the midpoint and length of a line segment in a coordinate plane?

Lesson Objective(s): Students will find segment lengths using midpoints and segment bisectors.
Students will use the Midpoint Formula.
Students will use the Distance Formula.

Previous Learning: Students are familiar with the Pythagorean Theorem, which is related to the Distance Formula. Students also know how to solve equations with variables on both sides.

CC State Standards

HSG-CO.D.12
HSG-GPE.B.7

Sept. 13 Wednesday - Section 1.3

Key vocabulary - bisect, midpoint

Key formula - distance, midpoint, pythagorean theorem for solving for leg

Use the Dynamic Classroom Lesson 1.3 Teacher Examples

Complete the Student Journal Problems pg 16

Thursday - Practice day on 1.3 Practice Worksheets - completion for classwork assessment

Friday -Reviewing and finishing book assignments and poster of Gold Rush in groups to complete.