

UNIT 1 - LESSON PLANS

Class Geometry

Topic U1 – Constructions

Lesson Bonus

Objective

Students will:

- Be able to construct angle bisectors.
- Be able to construct segment bisectors.
- Be able to construct perpendicular on a line from a point.

“I Can” Statement

I can bisect any angle or a line segment using a protractor and draw a perpendicular on any line from a given point.

Common Core Standards

[CCSS.MATH.CONTENT.HSG.CO.D.12](#)

Make formal geometric constructions with a variety of tools and methods (compass and straightedge, string, reflective devices, paper folding, dynamic geometric software, etc.). *Copying a segment; copying an angle; bisecting a segment; bisecting an angle; constructing perpendicular lines, including the perpendicular bisector of a line segment; and constructing a line parallel to a given line through a point not on the line.*

Bell Work

What is the definition of angle, line segment, ray and line?

Procedures

1. Start and lead student discussion related to the bell work.
2. Distribute the Guided Notes
3. Present lesson or play a video lesson.
4. Distribute Lesson Assignment.
5. This is a multiple day lesson. Continue on with the different activities.

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Assessment

Assignment 1-8

Exit Quiz 1-8

Additional Resources

Khan Academy Quiz