

HS Geometry


Resources in High School Geometry explore the properties of angles, shapes, and figures in space. Angles are analyzed using pool balls in an interactive lesson and video, students can discover how using concentric circles can help determine how much paint is needed to cover the deck of a carousel, and volume is analyzed through experiments with popcorn and meatballs. Students will model architectural concepts, find the area of a variety of shapes, and study Sophie Germain and her pursuit of her mathematical passion with resources in High School Geometry.

Topics and resources in the following areas:


- Congruence
- Similarity, Right Triangles, and Trigonometry
- Circles
- Expressing Geometric Properties With Equations
- Geometric Measurement & Dimension
- Modeling With Geometry

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Videos (37)



Trigonometry
This video from Regents Review 2.0 uses a trigonometry equation to determine the height of a flagpole located in...
Grades 9-12



The Origami Revolution | Math and Science Modernize an Ancient...
Discover parallels between the natural world and...
NOVA
Grades 9-12



Strange Shapes | MIT's Science Out Loud
In school, you learn about shapes with sides and edges - but there are weird shapes out...
MIT K12
Grades 8-12

Find 6-12th grade videos, lessons, interactive experiences, and printable activities:
<http://bit.ly/GeometryPBSLM>

