

GEOMETRY

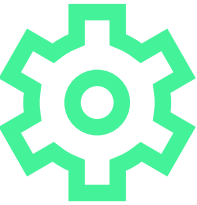
CHAPTER

BENCHMARKS

★ COMPLETE



DEFINED LEARNING PROJECTS



1

BASICS
OF
GEOMETRY

MA.912.GR.3.4
MA.912.GR.5.1

- [Landscape Designer](#)
- [Tattoo Artist](#)
- [Artist: Geometric Abstraction](#)
- [Engineer: Bridge Design Contest](#)

2

REASONING
AND
PROOFS

MA.912.LT.4.3
MA.912.LT.4.10

- Currently no projects that align to these benchmarks.

3

PARALLEL
AND
PERPENDICULAR
LINES

MA.912.GR.5.2

- [Artist: Geometric Abstraction](#)
- [Engineer: Bridge Design Contest](#)

GEOMETRY

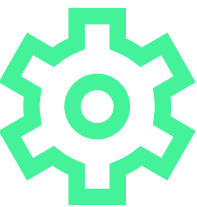
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DEFINED LEARNING PROJECTS



4

TRANSFORMATIONS

MA.912.GR.2.1
MA.912.GR.2.2
MA.912.GR.2.5

- [Tattoo Artist](#)
- [Video Game Environment Artist](#)
- [Landscape Designer](#)
- [Landscape Architect](#)
- [Architect: Designing a Geodesic Aviary](#)
- [Architect: Designing a Library](#)
- [Railway Bridge Builder](#)

5

CONGRUENT
TRIANGLES

MA.912.GR.2.6

- [Tattoo Artist](#)
- [Architect: Designing a Geodesic Aviary](#)
- [Architect: Designing a Library](#)
- [Video Game Environment Artist](#)
- [Landscape Designer](#)

6

RELATIONSHIPS
WITHIN
TRIANGLES

MA.912.GR.1.1
MA.912.GR.5.3

- [Cruise Director](#)
- [Graphic Print Designer](#)

GEOMETRY

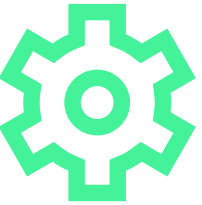
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BENCHMARKS

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DEFINED LEARNING PROJECTS



7

QUADRILATERALS
AND
OTHER POLYGONS

MA.912.GR.1.4
MA.912.GR.1.5

- Currently no projects that align to these benchmarks.

8

SIMILARITY

MA.912.GR.1.2
MA.912.GR.2.8

- [Police Officer: Accident Investigator](#)
- [Architect: Designing a Geodesic Aviary](#)
- [Railway Bridge Builder](#)
- [Tattoo Artist](#)
- [Architect: Designing a Library](#)
- [Video Game Environment Artist](#)
- [Landscape Designer](#)

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RIGHT TRIANGLES
AND
TRIGONOMETRY

MA.912.GR.1.6
MA.912.T.1.1
MA.912.T.1.2

- [Tattoo Artist](#)
- [Architect: Designing a Library](#)
- [Railway Bridge Builder](#)
- [Youth Soccer Coach](#)
- [Police Officer: Accident Investigator](#)
- [Smartphone Designer](#)
- [Rooftop Farmer](#)
- [Golf Club Designer](#)
- [Accessibility Specialist](#)
- [Engineer: Bridge Design Contest](#)
- [Mobile Engineer: Smartphones](#)

GEOMETRY

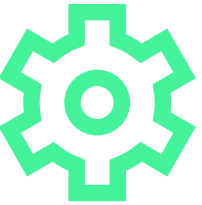
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BENCHMARKS

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DEFINED LEARNING PROJECTS



10
CIRCLES

MA.912.GR.3.2
MA.912.GR.3.3
MA.912.GR.6.1
MA.912.GR.6.3
MA.912.GR.7.2
MA.912.GR.7.3

- [Landscape Designer](#)
- [Graphic Print Designer](#)
- [Rooftop Farmer](#)

11
CIRCUMFERENCE
AND
AREA

MA.912.GR.6.4

- [Community Planner](#)

12
SURFACE AREA
AND
VOLUME

MA.912.GR.4.1
MA.912.GR.4.2
MA.912.GR.4.3

- [Architect: Designing a Geodesic Aviary](#)
- [Packaging Analyst](#)
- [Tattoo Artist](#)
- [Video Game Environment Artist](#)
- [Landscape Designer](#)
- [Railway Bridge Builder](#)