



Pathway2Careers Geometry Table of Contents

1. Geometry Fundamentals

	Lesson Topic	CCSS	Occupation
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Lesson 1.2	Angle Measures and Angle Bisectors	G-CO.1	Occupational Therapists
Lesson 1.3	Use Theorems about Angles	G-CO.9	Carpenters
Lesson 1.4	Estimate Measures using Modeling	G-MG.1, G-MG.2	Meeting, Convention, and Event Planners

2. Parallel and Perpendicular Lines

	Lesson Topic	CCSS	Occupation
Lesson 2.1	Use Theorems about Parallel Lines	G-CO.9	Tree Trimmers and Pruners
Lesson 2.2	Show Lines are Parallel	G-CO.9	Rail-Track Laying and Maintenance Equipment Operators
Lesson 2.3	Use Theorems about Perpendicular Lines	G-CO.9	Brickmasons and Blockmasons
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3. Transformations

	Lesson Topic	CCSS	Occupation
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Lesson 3.2	Apply Reflections	G-CO.2, G-CO.4	Marine Engineer and Naval Architect
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Lesson 3.4	Investigate Symmetry	G-CO.3	Architecture Teachers, Postsecondary
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4. Triangle Congruence

	Lesson Topic	CCSS	Occupation
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5. Properties and Attributes of Triangles

	Lesson Topic	CCSS	Occupation
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6. Polygons and Quadrilaterals

	Lesson Topic	CCSS	Occupation
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Lesson 6.2	Conditions for Special Quadrilaterals	G-CO.11	Motorcycle Mechanics
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	Lesson Topic	CCSS	Occupation
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	Lesson Topic	CCSS	Occupation
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	Lesson Topic	CCSS	Occupation
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Lesson 9.2	Segment Relationships in Circles	G-C.2	Life, Physical, and Social Science Technicians
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	Lesson Topic	CCSS	Occupation
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	Lesson Topic	CCSS	Occupation
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12. Probability and Decision Making

	Lesson Topic	CCSS	Occupation
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