



Grade 8

TEKS Summary

Acknowledgment

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Notice

These learning resources have been built for Texas students, aligned to the Texas Essential Knowledge and Skills, and are made available pursuant to Chapter 31, Subchapter B-1 of the Texas Education Code.

If you have further product questions or to report an error, please email openducationresources@tea.texas.gov.

GRADE 8 TEKS SUMMARY

This document provides an overview of the TEKS coverage in Secondary Mathematics, Grade 8.

Module	Topic	Lesson	Lesson Title	8.2A	8.2B	8.2C	8.2D	8.3A	8.3B	8.3C	8.4A	8.4B	8.4C	8.5A	8.5B	8.5C	8.5D	8.5E
Module 1: Transforming Geometric Objects	Topic 1: Rigid Motion Transformations		Introduction Lesson															
		1	Introduction to Congruent Figures															
		2	Introduction to Rigid Motions															
		3	Translations of Figures on the Coordinate Plane															
		4	Reflections of Figures on the Coordinate Plane															
		5	Rotations of Figures on the Coordinate Plane															
		6	Congruence and Rigid Motions															
	Topic 2: Similarity	1	Dilations of Figures					•										
		2	Dilating Figures on the Coordinate Plane						•	•								
		3	Mapping Similar Figures Using Dilations					•		•								
	Topic 3: Line and Angle Relationships	1	Exploring Angle Theorems															
		2	Exploring the Angles Formed by Lines Intersected by a Transversal															
		3	Exploring the Angle-Angle Similarity Theorem															

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Module	Topic	Lesson	Lesson Title	8.2A	8.2B	8.2C	8.2D	8.3A	8.3B	8.3C	8.4A	8.4B	8.4C	8.5A	8.5B	8.5C	8.5D	8.5E
Module 5: Applying Powers	Topic 3: Financial Literacy: Your Financial Future	Topic 1: Real Numbers	Topic 1: Solving Linear Equations	1	Equations with Variables on Both Sides													
			Topic 2: Systems of Linear Equations	2	Analyzing and Solving Linear Equations													
				3	Solving Linear Inequalities													
				1	Point of Intersection of Linear Graphs										•			
		Topic 2: The Pythagorean Theorem		2	Systems of Linear Equations										•			
				3	Multiple Representations of Systems of Linear Equations										•			
				1	Sorting Numbers	•												
		Topic 4: Volume of Curved Figures		2	Rational and Irrational Numbers	•	•	•										
				3	The Real Numbers	•	•	•										
				4	Scientific Notation			•										
				1	The Pythagorean Theorem													
		Topic 5: Modeling Linear Equations		2	The Converse of the Pythagorean Theorem													
				3	Distances in a Coordinate System													
				4	Side Lengths in Two and Three Dimensions													
		Topic 6: Applying the Pythagorean Theorem		1	Simple and Compound Interest													
				2	Terms of a Loan													
				3	Online Calculators													
				4	Financing Your Education													
		Topic 7: Applying the Pythagorean Theorem		1	Volume, Lateral, and Total Surface Area of a Cylinder													
				2	Volume of a Cone													
				3	Volume of a Sphere													
				4	Volume and Surface Area Problems with Prisms, Cylinders, Cones, and Spheres													

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Grade 8 TEKS Summary by Module and Topic		8.2A	8.2B	8.2C	8.2D	8.3A	8.3B	8.3C	8.4A	8.4B	8.4C	8.5A	8.5B	8.5C	8.5D	8.5E
Module 1 TEKS Summary						•	•	•								
M1 Topic 1 TEKS Summary																
M1 Topic 2 TEKS Summary						•	•	•								
M1 Topic 3 TEKS Summary																
Module 2 TEKS Summary									•	•	•	•	•	•	•	•
M2 Topic 1 TEKS Summary									•	•	•	•	•	•	•	•
M2 Topic 2 TEKS Summary										•	•	•	•			
Module 3 TEKS Summary														•	•	
M3 Topic 1 TEKS Summary													•	•		
M3 Topic 2 TEKS Summary																
Module 4 TEKS Summary													•			
M4 Topic 1 TEKS Summary																
M4 Topic 2 TEKS Summary													•			
Module 5 TEKS Summary		•	•	•	•											
M5 Topic 1 TEKS Summary		•	•	•	•											
M5 Topic 2 TEKS Summary																
M5 Topic 3 TEKS Summary																
M5 Topic 4 TEKS Summary																

Grade 8 TEKS Summary by Module		8.2A	8.2B	8.2C	8.2D	8.3A	8.3B	8.3C	8.4A	8.4B	8.4C	8.5A	8.5B	8.5C	8.5D	8.5E
Module 1 TEKS Summary						•	•	•								
Module 2 TEKS Summary							•	•								
Module 3 TEKS Summary								•						•	•	
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Module 5 TEKS Summary		•	•	•	•											

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