



**Secondary
Mathematics**

EDITION 1

Grade 8

Standards Overview

Acknowledgment

Thank you to all the Texas educators and stakeholders who supported the review process and provided feedback. These materials are the result of the work of numerous individuals, and we are deeply grateful for their contributions.

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.

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GRADE 8 STANDARDS OVERVIEW

TEKS covered at the lesson level are shown in course color. Additional TEKS covered in Skills Practice are shown in black.

		Number and Operations	Proportionality	Expressions, Equations, and Relationships	Two-Dimensional Shapes	Measurement and Data	Personal Financial Literacy
MODULE 1: Transforming Geometric Objects	TOPIC 1: Rigid Motion Transformations		(P)8.5A	(P)8.7C (P)8.8C	8.10A (P)8.10A 8.10B (P)8.10C 8.10C (E)8.10C (P)8.10D		
	TOPIC 2: Similarity		8.3A (E)8.3A 8.3B (E)8.3B 8.3C (E)8.3C (P)8.4B	(P)8.7B	8.10A 8.10C 8.10B 8.10D		
	TOPIC 3: Line and Angle Relationships		8.3A (E)8.3A 8.3C	8.8D (P)8.8C (E)8.8D	(E)8.10A 8.10C		
MODULE 2: Developing Function Foundations	TOPIC 1: From Proportions to Linear Relationships		8.3C 8.3A 8.4A (E)8.3A 8.4B (E)8.3C 8.4C 8.4A 8.5A (E)8.5A 8.5B 8.5F 8.5E (E)8.5H 8.5F 8.5I 8.5H (E)8.5I	8.8D	8.10C 8.10A (E)8.10A 8.10C (E)8.10C		
	TOPIC 2: Linear Relationships		8.4A 8.5A 8.4C (E)8.5B 8.5B (E)8.5F 8.5F (E)8.5G 8.5G (E)8.5H 8.5I (E)8.5I	8.8D	8.10C		
MODULE 3: Data Everywhere	TOPIC 1: Patterns in Bivariate Data		8.5C 8.4C 8.5D (E)8.4C 8.5I 8.5B (P)8.5D (E)8.5D 8.5G		8.10B 8.10C	8.11A (E)8.11A	
	TOPIC 2: Variability and Sampling	8.2D	8.3B 8.4C 8.5E 8.5I		8.10D	8.11B (E)8.11B 8.11C (E)8.11C	

Bold TEKS = Readiness Standard (P) = Prerequisite for TEKS (E) = Extension of TEKS

GRADE 8 STANDARDS OVERVIEW

		Number and Operations	Proportionality	Expressions, Equations, and Relationships	Two-Dimensional Shapes	Measurement and Data	Personal Financial Literacy
MODULE 4: Modeling Linear Equations	TOPIC 1: Solving Linear Equations and Inequalities		8.4C 8.5C	8.8A (E) 8.8C 8.8B 8.8D 8.8C (E)8.9A			
	TOPIC 2: Systems of Linear Equations		8.5B 8.5I	8.9A 8.8C (E)8.9A		8.11A	
MODULE 5: Applying Powers	TOPIC 1: Real Numbers	8.2A (P)8.2A 8.2B (E)8.2A 8.2C (E)8.2C 8.2D	8.4B 8.5B 8.5I	8.8C 8.9A			
	TOPIC 2: The Pythagorean Theorem	8.2A 8.2B	8.5H	8.6C (E)8.6C 8.7C (E)8.7C 8.7D 8.8C 8.9A			
	TOPIC 3: Financial Literacy: Your Financial Future	8.2C		8.7C 8.7D			8.12A (E)8.12A 8.12B (E)8.12B 8.12C (E) 8.12D 8.12D (E)8.12G 8.12E (E)8.12G 8.12F 8.12G
	TOPIC 4: Volume of Curved Figures	8.2A 8.2B 8.2C		8.6A 8.7C 8.6B (E) 8.7A 8.7A 8.7D 8.7B 8.7C			8.12A 8.12C 8.12D 8.12G

Bold TEKS = Readiness Standard (P) = Prerequisite for TEKS (E) = Extension of TEKS

NOTE: TEKS outside of Grade 8 are strategically included in select Skills Practice sets to support student learning.

Algebra I: A.2H, **A.2I**, A.5B, **A.8A**

Geometry: G.3B, G.3C, **G.11D**

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