OER 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

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 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

		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

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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**

Images
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