

**Grade 7 Math
Open-Up Resource Family Links**

Grading Period	Unit Name	Concepts	Open Up Family Materials Link
Grading Period 1	Unit 1: Rational Number Operations	Concept 1: Sets and Subsets	N/A
		Concept 2: Rational Number Operations	Grade 7, Unit 5: Rational Number Arithmetic
	Unit 2: Proportional Relationships	Concept 1: Application of Ratios, Rates, and Percents	Grade 7, Unit 4: Proportional Relationships and Percentages
		Concept 2: Calculating Unit Rates	N/A
		Concept 3: Similarity	Grade 7, Unit 1: Scale Drawings
Grading Period 2	Unit 3: Linear Relationships	Concept 1: Representing Constant Rate of Change	Grade 7, Unit 2: Introducing Proportional Relationships
		Concept 2: Linear Relationships	Grade 7, Unit 2: Introducing Proportional Relationships
	Unit 4: Equations and Inequalities	Concept 1: Representing Equations and Inequalities	Grade 7, Unit 6: Representing Situations of the form $px + 1 = r$ and $p(x+q) = r$ Grade 7, Unit 6: Inequalities
		Concept 2: Model and Solve Equations and Inequalities	Grade 7, Unit 6: Solving Equations of the form $px + 1 = r$ and $p(x+q) = r$ and Problems that Lead to Those Equations Grade 7, Unit 6: Inequalities
		Concept 3: Geometric Applications of Equations	Grade 7, Unit 7: Angle Relationships

*Since this resource is not specific to Texas standards (TEKS), sometimes the content is in another grade level resource besides Grade 7.

Grading Period	Unit Name	Concepts	Open Up Family Materials Link
Grading Period 3	Unit 5: Circumference & Area of 2-D Figures	Concept 1: Circumference and Area of Circles	Grade 7, Unit 3: Measuring Circles
		Concept 2: Area of Composite Figures	Grade 6, Unit 1: Polygons
	Unit 6: Volume & Surface Area of 3-D Figures	Concept 1: Surface Area	Grade 6, Unit 1: Surface Area Grade 7, Unit 7: Solid Geometry
		Concept 2: Volume of 3-D Figures	Grade 7, Unit 7: Solid Geometry
	Unit 7: Data and Probability	Concept 1: Foundations of Probability	Grade 7, Unit 8: Probabilities of Single Step Events
		Concept 2: Determining Probability of Simple and Compound Events	Grade 7, Unit 8: Probabilities of Multi-Step Events
Concept 3: Making Predictions with Simple and Compound Events		Grade 7, Unit 8: Probabilities of Multi-Step Events	
Grading Period 4	Unit 7: Data & Probability	Continued: See above	Continued: See above
	Unit 8: Data & Statistics	Concept 1: Comparing Categorical Data	N/A
		Concept 2: Comparing Numerical Data	Grade 6, Unit 8: Data Sets and Distributions (omit MAD) – comparing two sets of data
		Concept 3: Making Inferences with Data	Grade7, Unit 8: Sampling and Using Samples
	Unit 9: Financial Literacy	Concept 1: Tax	N/A
		Concept 2: Personal Budget and Net Worth	N/A
Concept 3: Interest		N/A	

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