

## Grade 6 AAC Math Open-Up Resource Family Links

Grading Period	Unit Name	Concepts	Open Up Family Materials Link
Grading Period 1	Unit 1: Adding and Subtracting Rational Numbers	Concept 1: Integers and Absolute Value	<a href="#">Grade 6, Unit 7: Negative Numbers and Absolute Value</a>
		Concept 2: Understanding Rational Numbers	<a href="#">Grade 6, Unit 7: Negative Numbers and Absolute Value</a>
		Concept 3: Add and Subtract Integers	<a href="#">Grade 7, Unit 5: Adding and Subtracting Rational Numbers</a>
		Concept 4: Adding and Subtracting Rational Numbers	N/A
	Unit 2: Multiplying and Dividing Rational Numbers	Concept 1: Multiplying and Dividing Integers	<a href="#">Grade 7, Unit 5: Multiplying and Dividing Rational Numbers</a>
		Concept 2: Multiplying Rational Numbers	<a href="#">Grade 5, Unit 3 Multiplying and Dividing Fractions</a> <a href="#">Grade 6, Unit 5: Multiplying Decimals</a>
		Concept 3: Dividing Rational Numbers	<a href="#">Grade 6, Unit 4: Meanings of Fraction Division</a> <a href="#">Grade 6, Unit 5: Dividing Decimals</a>
Grading Period 2	Unit 2: Multiplying and Dividing Rational Numbers (continued)	Continued: see above	Continued: see above
	Unit 3: Proportional Reasoning	Concept 1: Solving Problems Involving Ratios and Rates	<a href="#">Grade 6, Unit 2: What are Ratios? and Representing Equivalent Ratios</a> <a href="#">Grade 6, Unit 2: Solving Ratio and Rate Problems</a> <a href="#">Grade 6, Unit 3: Rates</a>
		Concept 2: Equivalent Forms of Fractions, Decimals and Percents	<a href="#">Grade 6, Unit 3: Percentages</a>
		Concept 3: Percent Application	<a href="#">Grade 6, Unit 3: Percentages</a> <a href="#">Grade 7, Unit 4: Percent Increase and Decrease and Applying Percentages</a>

\*Since this resource is not specific to Texas standards (TEKS), sometimes the content is in another grade level resource besides Grade 6 or 7.

Grading Period	Unit Name	Concepts	Open Up Family Materials Link
Grading Period 3	Unit 4: Multiple Representations	Concept 1: Graphing on the Coordinate Plane	<a href="#">Grade 6, Unit 7: The Coordinate Plane</a>
		Concept 2: Additive vs. Multiplicative	<a href="#">Grade 6, Unit 6: Relationships Between Quantities</a> <a href="#">Grade 7, Unit 2: Introducing Proportional Relationships</a>
		Concept 3: Writing Equations and Translating Between Views	<a href="#">Grade 6, Unit 6: Relationships Between Quantities</a> <a href="#">Grade 7, Unit 2: Introducing Proportional Relationships</a>
	Unit 5: Equations and Inequalities	Concept 1: Generating Equivalent Expressions	<a href="#">Grade 6, Unit 6: Equal and Equivalent Expressions with Exponents</a>
		Concept 2: Representing Equations and Inequalities	<a href="#">Grade 6, Unit 6: Equations in One Variable</a> <a href="#">Grade 6, Unit 7: Inequalities</a> <a href="#">Grade 7, Unit 6: Representing Situations of the form <math>px + 1 = r</math> and <math>p(x+q) = r</math></a> <a href="#">Grade 7, Unit 6: Inequalities</a>
		Concept 3: Solving Equations and Inequalities	<a href="#">Grade 6, Unit 6: Equations in One Variable</a> <a href="#">Grade 6, Unit 7: Inequalities</a> <a href="#">Grade 7, Unit 6: Solving Equations of the form <math>px + 1 = r</math> and <math>p(x+q) = r</math> and Problems that Lead to Those Equations</a> <a href="#">Grade 7, Unit 6: Inequalities</a>
	Unit 6: Geometric Application of Equations	Concept 1: Properties of Triangles	<a href="#">Grade 7, Unit 7: Drawing Polygons with Given Conditions</a>
		Concept 2: 2D Measurement	<a href="#">Grade 6, Unit 1: Reasoning to Find Area, Parallelograms and Triangles</a> <a href="#">Grade 6, Unit 4: Fractions in Lengths, Areas, and Volumes</a>
		Concept 3: 3D Measurement	<a href="#">Grade 6, Unit 4: Fractions in Lengths, Areas, and Volumes</a> <a href="#">7<sup>th</sup> Grade, Unit 7: Solid Geometry (Volume only)</a>
Grading Period 4	Unit 6: Geometric Application of Equations	Continued: see above	Continued: see above
	Unit 7: Data & Statistics	Concept 1: Analyzing and Interpreting Categorical Data	N/A

		Concept 2: Representing, Analyzing and Interpreting Numerical Data	<a href="#">Grade 6, Unit 8 (exclude MAD)</a>
	Unit 8: Financial Literacy	Concept 1: Credit Cards vs Debit Cards and Checking Accounts	N/A
		Concept 2: Credit Reports	N/A
		Concept 3: Paying for College & Jobs and Income	N/A

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