

Accelerated Grade 6

Texas Essential Knowledge and Skills (TEKS) Overview

This document provides an overview of the TEKS coverage in the Texas Math Solution for Accelerated Grade 6.

Module	Topic	L#	Lesson Title	Lesson Subtitle	6.2A	6.2B	6.2C	6.2D	6.2E	6.3A	6.3B	6.3C	6.3D	6.3E	6.4A	6.4B	6.4C	6.4D	6.4E	6.4F	6.4G	6.4H	6.5A	6.5B	6.5C	6.6A	6.6B	6.6C	6.7A	6.7B	6.7C	6.7D	6.8A	6.8B		
Module 1: Composing and Decomposing	Topic 1: Factors and Multiples	1	Taking Apart Numbers and Shapes	Writing Equivalent Expressions Using the Distributive Property																																
		2	Searching for Common Ground	Identifying Common Factors and Common Multiples																																
		3	Composing and Decomposing Numbers	Least Common Multiple and Greatest Common Factor																																
	Topic 2: Positive Rational Numbers	1	Rocket Strips	Dividing a Whole into Fractional Parts																																
		2	Getting Closer	Benchmark Fractions																																
		3	Did You Get the Part?	Multiplying Fractions																																
		4	Yours IS to Reason Why!	Fraction by Fraction Division																																
	Topic 3: Angles and Shapes	1	Consider Every Side	Constructing Triangles Given Sides																																
		2	Turning a One-Eighty!	Triangle Sum Theorem																																
		3	All About That Base... and Height	Area of Triangles and Quadrilaterals																																
		4	Slicing and Dicing	Composite Figures																																
	Topic 4: Decimals and Volume	1	Depth, Width, and Length	Deepening Understanding of Volume																																
		2	Which Warehouse?	Volume Composition and Decomposition																																
		3	Breaking the Fourth Wall	Surface Area of Rectangular Prisms and Pyramids																																
		4	Dividend in the House	Dividing Whole Numbers and Decimals																																
	Module 2: Relating Quantities	Topic 1: Ratios	1	It's All Relative	Introduction to Ratio and Ratio Reasoning																															
2			Going Strong	Comparing Ratios to Solve Problems																																
3			Oh, Yes, I Am the Muffin Man	Determining Equivalent Ratios																																
4			A Trip to the Moon	Using Tables to Represent Equivalent Ratios																																
5			They're Growing!	Graphs of Ratios																																
6			One is Not Enough	Using and Comparing Ratio Representations																																
Topic 2: Percents		1	We Are Family!	Percent, Fraction, and Decimal Equivalence																																
		2	Warming the Bench	Using Estimation and Benchmark Percents																																
		3	The Forest for the Trees	Determining the Part and the Whole in Percent Problems																																
Topic 3: Unit Rates and Conversions		1	Many Ways to Measure	Using Ratio Reasoning to Convert Units																																
		2	What Is the Best Buy?	Introduction to Unit Rates																																
		3	Seeing Things Differently	Multiple Representations of Unit Rates																																
Module 3: Moving Beyond Positive Quantities	Topic 1: Signed Numbers and the Four Quadrants	1	Human Number Line	Introduction to Negative Numbers																																
		2	Magnificent Magnitude	Absolute Value																																
		3	What's in a Name?	Rational Number System																																
		4	Four Is Better Than One	Extending the Coordinate Plane																																
		5	It's a Bird, It's a Plane... It's a Polygon on the Plane!	Graphing Geometric Figures																																
	Topic 2: Operating with Integers	1	Math Football	Using Models to Understand Integer Addition																																
		2	Walk the Line	Adding Integers, Part I																																
		3	Two-Color Counters	Adding Integers, Part II																																
		4	What's the Difference?	Subtracting Integers																																
		5	Equal Groups	Multiplying and Dividing Integers																																
	Topic 3: Operating with Rational Numbers	1	All Mixed Up	Adding and Subtracting Rational Numbers																																
		2	Be Rational!	Quotients of Integers																																
3		Building a Wright Brothers' Flyer	Simplifying Expressions to Solve Problems																																	
4		Properties Schmoperties	Using Number Properties to Interpret Expressions with Signed Numbers																																	

- Green column indicates Readiness Standard
- White column indicates Supporting Standard
- Gray column indicates unassessed standard

Standard ID	Standard Type	Assessment Status
6.8C	Readiness	Assessed
6.8D	Readiness	Assessed
6.9A	Readiness	Assessed
6.9B	Readiness	Assessed
6.9C	Readiness	Assessed
6.10A	Readiness	Assessed
6.10B	Readiness	Assessed
6.11A	Readiness	Assessed
6.12A	Readiness	Assessed
6.12B	Readiness	Assessed
6.12C	Readiness	Assessed
6.12D	Readiness	Assessed
6.13A	Readiness	Assessed
6.13B	Readiness	Assessed
6.14A	Readiness	Assessed
6.14B	Readiness	Assessed
6.14C	Readiness	Assessed
6.14D	Readiness	Unassessed
6.14E	Readiness	Unassessed
6.14F	Readiness	Unassessed
6.14G	Readiness	Unassessed
6.14H	Readiness	Unassessed
7.2A	Supporting	Assessed
7.3A	Supporting	Assessed
7.3B	Supporting	Assessed
7.4A	Supporting	Assessed
7.4B	Supporting	Assessed
7.4C	Supporting	Assessed
7.4D	Supporting	Assessed
7.4E	Supporting	Assessed
7.5A	Supporting	Assessed
7.5B	Supporting	Assessed
7.5C	Supporting	Assessed
7.6A	Supporting	Unassessed
7.6B	Supporting	Unassessed
7.6C	Supporting	Unassessed
7.6D	Supporting	Unassessed
7.6E	Supporting	Unassessed
7.6F	Supporting	Unassessed
7.6G	Supporting	Assessed
7.6H	Supporting	Assessed
7.6I	Supporting	Assessed
7.7A	Supporting	Assessed
7.8A	Supporting	Unassessed
7.8B	Supporting	Unassessed
7.8C	Supporting	Unassessed
7.9A	Supporting	Assessed
7.9B	Supporting	Assessed
7.9C	Supporting	Assessed
7.9D	Supporting	Assessed
7.10A	Supporting	Assessed
7.10B	Supporting	Assessed
7.10C	Supporting	Assessed
7.11A	Supporting	Assessed
7.11B	Supporting	Assessed
7.11C	Supporting	Assessed
7.12A	Supporting	Assessed
7.12B	Supporting	Assessed
7.12C	Supporting	Assessed
7.13A	Supporting	Assessed
7.13B	Supporting	Assessed
7.13C	Supporting	Assessed
7.13D	Supporting	Assessed
7.13E	Supporting	Assessed
7.13F	Supporting	Assessed

Module	Topic	L#	Lesson Title	Lesson Subtitle	6.2A	6.2B	6.2C	6.2D	6.2E	6.3A	6.3B	6.3C	6.3D	6.3E	6.4A	6.4B	6.4C	6.4D	6.4E	6.4F	6.4G	6.4H	6.5A	6.5B	6.5C	6.6A	6.6B	6.6C	6.7A	6.7B	6.7C	6.7D	6.8A	6.8B				
Module 4: Determining Unknown Quantities	Topic 1: Expressions	1	Relationships Matter	Evaluating Numeric Expressions									•															•	○									
		2	Into the Unknown	Introduction to Algebraic Expressions										•																		○						
		3	Second Verse, Same as the First	Equivalent Expressions																											○	○	○					
		4	Are They Saying the Same Thing?	Verifying Equivalent Expressions																													•	○				
		5	DVDs and Songs	Using Algebraic Expressions to Analyze and Solve Problems																										•	•	○						
	Topic 2: Algebraic Expressions	1	No Substitute for Hard Work	Evaluating Algebraic Expressions																																		
		2	Mathematics Gymnastics	Rewriting Expressions Using the Distributive Property																															○			
		3	All My Xs	Combining Like Terms																														○				
	Topic 3: Equations and Inequalities	1	First Among Equals	Reasoning with Equal Expressions										•																						•		
		2	Bar None	Solving One-Step Addition Equations										•																								
		3	Play It In Reverse	Solving One-Step Multiplication Equations																																		
		4	The Real Deal	Solving Equations to Solve Problems																																		
		5	Greater Than Most	Solving Inequalities with Inverse Operations																																		
	Topic 4: Graphing Quantitative Relationships	1	Every Graph Tells a Story	Independent and Dependent Variables																								•	•	•								
		2	The Power of the Horizontal Line	Using Graphs to Solve Problems																								•	•	•								
		3	Planes, Trains, and Paychecks	Multiple Representations of Equations																								•	•	•								
		4	Time for Triathlon Training	Relating Distance, Rate, and Time																								•	•	•								
		5	There Are Many Paths...	Problem Solving on the Coordinate Plane																								•	•									
	Topic 5: Financial Literacy: Accounts, Credit, and Careers	1	Knowledge You Can Bank On	Checking Accounts																																		
		2	You Are a Real Card!	Debit Cards vs. Credit Cards																																		
3		Financial Report Card	Understanding Credit Reports																																			
4		The Possibilities Are Endless	Career Exploration																																			
5		Student Aid 101	Paying for College																																			
Module 5: Thinking Proportionally	Topic 1: Circles and Ratio	1	Pi: The Ultimate Ratio	Exploring the Ratio of Circle Circumference to Diameter																																		
		2	That's a Spicy Pizza	Area of Circles																																		
		3	Circular Reasoning	Solving Area and Circumference Problems																																		
	Topic 2: Fractional Rates	1	Making Punch	Unit Rate Representations																																		
		2	Eggzactly!	Solving Problems with Ratios of Fractions																																		
		3	Tagging Sharks	Solving Proportions Using Means and Extremes																																		
	Topic 3: Proportionality	1	How Does Your Garden Grow?	Proportional Relationships																																		
		2	Complying with Title IX	Constant of Proportionality																																		
		3	Fish-Inches	Identifying the Constant of Proportionality in Graphs																																		
		4	Minding Your Ps and Qs	Constant of Proportionality in Multiple Representations																																		
	Topic 4: Proportional Relationships	1	Markups and Markdowns	Introducing Proportions to Solve Percent Problems																																		
		2	Perks of Work	Calculating Tips and Commissions, and Simple Interest																																		
		3	No Taxation Without Calculation	Sales Tax, Income Tax, and Fees																																		
		4	More Ups and Downs	Percent Increase and Percent Decrease																																		
		5	Pound for Pound, Inch for Inch	Scale and Scale Drawings																																		
Topic 5: Financial Literacy: Interest and Budgets	1	Student Interest	Simple and Compound Interest																																			
	2	Aren't Peace, Love, and Understanding Worth Anything?	Net Worth Statements																																			
	3	Living Within Your Means	Personal Budgets																																			
Module 6: Describing Variability of Quantities	Topic 1: The Statistical Process	1	What's Your Question?	Understanding the Statistical Process																																		
		2	Get in Shape	Analyzing Numerical Data Displays																																		
		3	Follow Me on Histogram	Using Histograms to Display Data																																		
	Topic 2: Numerical Summaries of Data	1	In the Middle	Analyzing Data Using Measures of Center																																		
		2	Box It Up	Displaying the Five-Number Summary																																		
		3	Dealing with Data	Collecting, Displaying, and Analyzing Data																																		

Accelerated Grade 6 TEKS Summary by Module and Topic	6.2A	6.2B	6.2C	6.2D	6.2E	6.3A	6.3B	6.3C	6.3D	6.3E	6.4A	6.4B	6.4C	6.4D	6.4E	6.4F	6.4G	6.4H	6.5A	6.5B	6.5C	6.6A	6.6B	6.6C	6.7A	6.7B	6.7C	6.7D	6.8A	6.8B	6.8C	6.8D	6.9A	6.9B	6.9C	6.10A	6.10B	6.11A	6.12A	6.12B	6.12C	6.12D	6.13A								
Module 1 TEKS Summary				•	•	•	•			•						•									•				•	•	•	•																			
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M1 Topic 3 TEKS Summary																																																			
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M2 Topic 1 TEKS Summary												•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
M2 Topic 2 TEKS Summary				•																																															
M2 Topic 3 TEKS Summary																																																			
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7 means standard is covered in Accelerated Grade 7 course

