



Texas Accelerated Grade 6: Course Pacing Guide

*1 Day Pacing = 45 min. Session

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Lesson #	Lesson Title	Lesson Subtitle	TEKS	Pacing*
Module 1: Composing and Decomposing				
Topic 1: Factors and Multiples				
1	Taking Apart Numbers and Shapes	Writing Equivalent Expressions Using the Distributive Property	6.7D	1
2	Searching for Common Ground	Identifying Common Factors and Common Multiples	6.7A	2
3	Composing and Decomposing Numbers	Least Common Multiple and Greatest Common Factor	6.7A	1
End of Topic Assessment				1
Topic 2: Positive Rational Numbers				
1	Rocket Strips	Dividing a Whole into Fractional Parts	6.4F	1
2	Getting Closer	Benchmark Fractions	6.4F	1
3	Did You Get the Part?	Multiplying Fractions	6.3B 6.3E	1
4	Yours IS to Reason Why!	Fraction by Fraction Division	6.2E 6.3A 6.3E	3
End of Topic Assessment				1
Topic 3: Angles and Shapes				
1	Consider Every Side	Constructing Triangles Given Sides	6.8A	2
2	Turning a One-Eighty!	Triangle Sum Theorem	6.8A	1
3	All About That Base... and Height	Area of Triangles and Quadrilaterals	6.8B 6.8C 6.8D	2
4	Slicing and Dicing	Composite Figures	6.8D 7.9C	2
End of Topic Assessment				1



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Topic 4: Decimals and Volume				
1	Depth, Width, and Length*	Deepening Understanding of Volume	6.8C 6.8D	2
2	Which Warehouse?	Volume Composition and Decomposition	6.3E 6.8D	1
3	Breaking the Fourth Wall	Surface Area of Rectangular Prisms and Pyramids	6.3E 7.9D	2
4	Dividend in the House	Dividing Whole Numbers and Decimals	6.3E 6.8D	2
End of Topic Assessment				1



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Lesson #	Lesson Title	Lesson Subtitle	TEKS	Pacing*
Module 2: Relating Quantities				
Topic 1: Ratios				
1	It's All Relative	Introduction to Ratio and Ratio Reasoning	6.4A 6.4C	2
2	Going Strong!	Comparing Ratios to Solve Problems	6.4B 6.4C	2
3	Oh, Yes, I Am the Muffin Man	Determining Equivalent Ratios	6.4B* 6.4E 6.5A	3
4	A Trip to the Moon	Using Tables to Represent Equivalent Ratios	6.4B* 6.4D 6.5A	2
5	They're Growing!	Graphs of Ratios	6.4E 6.5A 6.6C	2
6	One is Not Enough	Using and Comparing Ratio Representations	6.5A 6.6C	3
End of Topic Assessment				1
Topic 2: Percents				
1	We Are Family!	Percent, Fraction, and Decimal Equivalence	6.4E 6.4F 6.4G 6.5C	2
2	Warming the Bench	Using Estimation and Benchmark Percents	6.2D 6.4E 6.4F	2
3	The Forest for the Trees	Determining the Part and the Whole in Percent Problems	6.5B	2



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End of Topic Assessment				1



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Lesson #	Lesson Title	Lesson Subtitle	TEKS	Pacing*
Topic 3: Unit Rates and Conversions				
1	Many Ways to Measure	Using Ratio Reasoning to Convert Units	6.4H 7.4E	2
2	What Is the Best Buy?	Introduction to Unit Rates	6.4B 6.4D 7.4B	3
3	Seeing Things Differently	Multiple Representations of Unit Rates	6.4D 6.5A 7.4A	2
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Lesson #	Lesson Title	Lesson Subtitle	TEKS	Pacing*
Module 3: Moving Beyond Positive Quantities				
Topic 1: Signed Numbers and the Four Quadrants				
1	Human Number Line	Introduction to Negative Numbers	6.2A 6.2C 6.2D	2
2	Magnificent Magnitude	Absolute Value	6.2B	2
3	What's in a Name?	Rational Number System	6.2A 6.2C 7.2A	1
4	Four Is Better Than One	Extending the Coordinate Plane	6.11A	3
5	It's a Bird, It's a Plane... It's a Polygon on the Plane!	Graphing Geometric Figures	6.11A	2
6	There Are Many Paths...	Problem Solving on the Coordinate Plane	6.11A	4
End of Topic Assessment				1
Topic 2: Operating with Integers				
1	Math Football	Using Models to Understand Integer Addition	6.3C	1
2	Walk the Line	Adding Integers, Part I	6.3C 6.3D	2
3	Two-Color Counters	Adding Integers, Part II	6.3C 6.3D	2
4	What's the Difference?	Subtracting Integers	6.3C 6.3D	2
5	Equal Groups	Multiplying and Dividing Integers	6.3C 6.3D	2
End of Topic Assessment				1



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Lesson #	Lesson Title	Lesson Subtitle	TEKS	Pacing*
Topic 3: Operating with Rational Numbers				
1	All Mixed Up	Adding and Subtracting Rational Numbers	7.3A 7.3B	1
2	Be Rational!	Quotients of Integers	7.3A 7.3B	1
3	Building a Wright Brothers' Flyer	Simplifying Expressions to Solve Problems	7.3A 7.3B	2
4	Properties Schmoperties	Using Number Properties to Interpret Expressions with Signed Numbers	7.3A 7.3B	1
End of Topic Assessment				1



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Lesson #	Lesson Title	Lesson Subtitle	TEKS	Pacing*
Module 4: Determining Unknown Quantities				
Topic 1: Expressions				
1	Relationships Matter	Evaluating Numeric Expressions	6.7A 6.7B	2
2	Into the Unknown	Introduction to Algebraic Expressions	6.7B	2
3	Second Verse, Same as the First	Equivalent Expressions	6.7B 6.7C 6.7D	2
4	Are They Saying the Same Thing?	Verifying Equivalent Expressions	6.7C 6.7D	1
5	DVDs and Songs	Using Algebraic Expressions to Analyze and Solve Problems	6.7B 6.7C 6.7D	1
End of Topic Assessment				1
Topic 2: Algebraic Expressions				
1	No Substitute for Hard Work	Evaluating Algebraic Expressions	7.3B 7.10A	1
2	Mathematics Gymnastics	Rewriting Expressions Using the Distributive Property	7.3B 7.10A 7.11A	2
3	All My Xs	Combining Like Terms	7.3B 7.10A 7.11A	2
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Lesson #	Lesson Title	Lesson Subtitle	TEKS	Pacing*
Topic 3: Equations				
1	First Among Equals	Reasoning with Equal Expressions	6.9A 6.9B	3
2	Bar None	Solving One-Step Addition Equations	6.9A 6.9B 6.10A	1
3	Play It In Reverse	Solving One-Step Multiplication Equations	6.9A 6.9B 6.10A	2
4	Getting Real	Solving Equations to Solve Problems	6.9A 6.9B 6.9C 6.10A 6.10B	1
End of Topic Assessment				1
Topic 4: Graphing Quantitative Relationships				
1	Every Graph Tells a Story	Independent and Dependent Variables	6.6A 6.6B 6.6C	2
2	The Power of the Horizontal Line	Using Graphs to Solve Problems	6.6A 6.6B 6.6C	1
3	Planes, Trains, and Paychecks	Multiple Representations of Equations	6.6A 6.6B 6.6C	2
4	Triathlon Training	Relating Distance, Rate, and Time	6.6A 6.6B 6.6C	1
End of Topic Assessment				1



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Lesson #	Lesson Title	Lesson Subtitle	TEKS	Pacing*
Topic 5: Financial Literacy: Accounts, Credit, and Careers				
1	Knowledge You Can Bank On	Checking Accounts	6.14A 6.14C	1
2	You Are a Real Card!	Debit Cards vs. Credit Cards	6.14A 6.14B	1
3	Financial Report Card	Understanding Credit Reports	6.14D 6.14E 6.14F	1
4	The Possibilities Are Endless	Career Exploration	6.14G 6.14H	1
5	Student Aid 101	Paying for College	6.14G	1
End of Topic Assessment				1

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Lesson #	Lesson Title	Lesson Subtitle	TEKS	Pacing*
Module 5: Thinking Proportionally				
Topic 1: Circles and Ratio				
1	Pi: The Ultimate Ratio	Exploring the Ratio of Circle Circumference to Diameter	7.5B 7.8C 7.9B	2
2	That's a Spicy Pizza	Area of Circles	7.4B 7.8C 7.9B	2
3	Circular Reasoning	Solving Area and Circumference Problems	7.9B 7.9C	2
End of Topic Assessment				1
Topic 2: Fractional Rates				
1	Making Punch	Unit Rate Representations	7.4B	1
2	Eggzactly!	Solving Problems with Ratios of Fractions	7.4B 7.4E	1
3	Tagging Sharks	Solving Proportions Using Means and Extremes	7.4C 7.4D	2
End of Topic Assessment				1
Topic 3: Proportionality				
1	How Does Your Garden Grow?	Proportional Relationships	7.4A 7.4C	2
2	Complying with Title IX	Constant of Proportionality	7.4A 7.4C 7.4D	2
3	Fish-Inches	Identifying the Constant of Proportionality in Graphs	7.4A 7.4C 7.4D	1



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Lesson #	Lesson Title	Lesson Subtitle	TEKS	Pacing*
4	Minding Your Ps and Qs	Constant of Proportionality in Multiple Representations	7.4A	2
End of Topic Assessment				1



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Topic 4: Proportional Relationships				
1	Markups and Markdowns	Introducing Proportions to Solve Percent Problems	7.4D	2
2	Perks of Work	Calculating Tips and Commission	7.4D 7.13E	2
3	No Taxation Without Calculation	Sales Tax, Income Tax, and Fees	7.4D 7.13A	1
4	More Ups and Downs	Percent Increase and Percent Decrease	7.4D	2
5	Pound for Pound, Inch for Inch	Scale and Scale Drawings	7.5A 7.5C	3
End of Topic Assessment				1
Topic 5: Financial Literacy: Interest and Budgets				
1	Student Interest	Simple and Compound Interest	7.13E	2
2	Aren't Peace, Love, and Understanding Worth Anything?	Net Worth Statements	7.13C	1
3	Living Within Your Means	Personal Budgets	7.4D 7.13B 7.13D	2
End of Topic Assessment				1



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Lesson #	Lesson Title	Lesson Subtitle	TEKS	Pacing*
Module 6: Describing Variability of Quantities				
Topic 1: The Statistical Process				
1	What's Your Question?	Understanding the Statistical Process	6.13B	2
2	Get in Shape	Analyzing Numerical Data Displays	6.12A 6.13A	2
3	Skyscrapers	Using Histograms to Display Data	6.12A 6.13A	1
End of Topic Assessment				1
Topic 2: Numerical Summaries of Data				
1	In the Middle	Analyzing Data Using Measures of Center	6.12B 6.12C	2
2	Box It Up	Displaying the Five-Number Summary	6.12B 6.12C	2
3	Would You Rather... ?	Patterns of Association in Two-Way Tables	6.12D	2
End of Topic Assessment				1