

Accelerated Grade 6

English Language Proficiency Standards (ELPS) Overview

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

Module	Topic	L#	Lesson Title	Lesson Subtitle	1.A	1.B	1.C	
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 Schmoproperties	Using Number Properties to Interpret Expressions with Signed Numbers	•		•	
	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	Topic	L#	Lesson Title	Lesson Subtitle	1.A	1.B	1.C
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, 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 ELPS Summary by Module and Topic	1.A	1.B	1.C	1.D	1.E	1.F	1.G	1.H	2.A	2.B	2.C	2.D	2.E	2.F	2.G	2.H	2.I
Module 1 ELPS Summary	•	•	•	•	•	•	•	•			•	•	•		•	•	•
M1 Topic 1 ELPS Summary	•		•		•	•	•				•	•	•				•
M1 Topic 2 ELPS Summary	•		•		•	•	•	•			•	•	•				•
M1 Topic 3 ELPS Summary	•		•		•	•	•	•			•	•	•				•
M1 Topic 4 ELPS Summary	•	•	•	•	•	•	•	•			•	•	•			•	•
	1.A	1.B	1.C	1.D	1.E	1.F	1.G	1.H	2.A	2.B	2.C	2.D	2.E	2.F	2.G	2.H	2.I
Module 2 ELPS Summary	•		•	•	•						•	•			•	•	
M2 Topic 1 ELPS Summary	•		•	•	•						•	•			•	•	
M2 Topic 2 ELPS Summary	•		•	•	•						•	•			•	•	
M2 Topic 3 ELPS Summary	•		•	•	•						•	•			•	•	
	1.A	1.B	1.C	1.D	1.E	1.F	1.G	1.H	2.A	2.B	2.C	2.D	2.E	2.F	2.G	2.H	2.I
Module 3 ELPS Summary	•		•	•	•	•	•	•			•	•			•	•	•
M3 Topic 1 ELPS Summary	•		•	•	•		•				•	•			•	•	•
M3 Topic 2 ELPS Summary	•		•	•	•		•				•	•			•	•	•
M3 Topic 3 ELPS Summary	•		•	•	•	•	•				•	•			•	•	•
	1.A	1.B	1.C	1.D	1.E	1.F	1.G	1.H	2.A	2.B	2.C	2.D	2.E	2.F	2.G	2.H	2.I
Module 4 ELPS Summary	•		•	•	•		•				•	•			•	•	•
M4 Topic 1 ELPS Summary	•		•	•	•		•				•	•			•	•	•
M4 Topic 2 ELPS Summary	•		•	•	•		•				•	•			•	•	•
M4 Topic 3 ELPS Summary	•		•	•	•		•				•	•			•	•	•
M4 Topic 4 ELPS Summary	•		•	•	•		•				•	•			•	•	•
M4 Topic 5 ELPS Summary	•		•	•	•		•				•	•			•	•	•
	1.A	1.B	1.C	1.D	1.E	1.F	1.G	1.H	2.A	2.B	2.C	2.D	2.E	2.F	2.G	2.H	2.I
Module 5 ELPS Summary	•		•	•	•	•	•				•	•	•		•	•	•
M5 Topic 1 ELPS Summary	•		•	•	•	•	•				•	•	•		•	•	•
M5 Topic 2 ELPS Summary	•		•	•	•	•	•				•	•	•		•	•	•
M5 Topic 3 ELPS Summary	•		•	•	•	•	•				•	•	•		•	•	•
M5 Topic 4 ELPS Summary	•		•	•	•		•				•	•			•	•	•
M5 Topic 5 ELPS Summary	•		•	•	•		•				•	•			•	•	•
	1.A	1.B	1.C	1.D	1.E	1.F	1.G	1.H	2.A	2.B	2.C	2.D	2.E	2.F	2.G	2.H	2.I
Module 6 ELPS Summary	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•
M6 Topic 1 ELPS Summary	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•
M6 Topic 2 ELPS Summary	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•

Accelerated Grade 6 ELPS Summary by Module	1.A	1.B	1.C	1.D	1.E	1.F	1.G	1.H	2.A	2.B	2.C	2.D	2.E	2.F	2.G	2.H	2.I
Module 1 ELPS Summary	•	•	•	•	•	•	•	•			•	•	•		•	•	•
Module 2 ELPS Summary	•		•	•	•						•	•			•	•	
Module 3 ELPS Summary	•		•	•	•	•	•				•	•			•	•	•
Module 4 ELPS Summary	•		•	•	•		•				•	•			•	•	•
Module 5 ELPS Summary	•		•	•	•	•	•				•	•	•		•	•	•
Module 6 ELPS Summary	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•

Accelerated Grade 6 ELPS Course Summary	1.A	1.B	1.C	1.D	1.E	1.F	1.G	1.H	2.A	2.B	2.C	2.D	2.E	2.F	2.G	2.H	2.I
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