

# Grade 7

## English Language Proficiency Standards (ELPS) Overview

This document provides an overview of the ELPS coverage in the Texas Math Solution for Grade 7.

Module	Topic	L#	Lesson Title	Lesson Subtitle	1-A	1-B	1-C
Module 1: 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	•		•
Module 2: Applying Proportionality	Topic 1: Proportional Relationships	1	Markups and Markdowns	Introducing Proportions to Solve Percent Problems	•		•
		2	Perks of Work	Calculating Tips, Commission, 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 2: Financial Literacy: Interest and Budgets	1	Student Interest	Simple and Compound Interest	•		•
		2	Aren't Peace, Love, and Understanding Worth Anything?	Net Worth Statements	•		•
Module 3: Reasoning Algebraically	Topic 1: 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	•		
	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: Two-Step Equations and Inequalities	1	Picture Algebra	Modeling Equations as Equal Expressions	•		
		2	Expressions That Play Together . . .	Solving Equations on a Double Number Line	•		
		3	A Formal Affair	Using Inverse Operations to Solve Equations and Inequalities	•		•
	Topic 4: Multiple Representations of Equations	1	Put It on the Plane	Representing Equations with Tables and Graphs	•		
		2	Deep Flight I	Building Inequalities and Equations to Solve Problems	•		
		3	Texas Tea and Temperature	Using Multiple Representations to Solve Problems	•		
Module 4: Analyzing Populations and Probabilities	Topic 1: Introduction to Probability	1	Rolling, Rolling, Rolling, . . .	Defining and Representing Probability	•		
		2	Give the Models a Chance	Probability Models	•		
		3	Toss the Cup	Determining Experimental Probability of Simple Events	•		
		4	A Simulating Conversation	Simulating Simple Experiments	•		
	Topic 2: Compound Probability	1	Evens or Odds?	Using Arrays to Organize Outcomes	•		
		2	Who Doesn't Love Puppies?!	Using Tree Diagrams	•		
		3	Pet Shop Probability	Determining Compound Probability	•		•
	Topic 3: Drawing Inferences	4	On a Hot Streak	Simulating Probability of Compound Events	•		
		1	We Want to Hear From You!	Collecting Random Samples	•		
		2	Tiles, Gumballs, and Pumpkins	Using Random Samples to Draw Inferences	•		
		3	Raising the Bar	Bar Graphs	•		
4		Dark or Spicy?	Comparing Two Populations	•			
5	That's So Random	Using Random Samples from Two Populations to Draw Conclusions	•				
Module 5: Constructing and Measuring	Topic 1: Area and Surface Area	1	Slicing and Dicing	Composite Figures	•		
		2	Breaking the Fourth Wall	Surface Area of Rectangular Prisms and Pyramids	•		•
		3	Seeing It From a Different Angle	Special Angle Relationships	•	•	
	Topic 2: Three-Dimensional Figures	1	Hey, Mister, Got Some Bird Seed?	Volume of Pyramids	•	•	
		2	Sounds Like Surface Area	Surface Area of Pyramids	•		
		3	More Than Four Sides of the Story	Volume and Surface Area of Prisms and Pyramids	•		
End of Course	Formative Assessment	1	Lawn Boy	Performance Task	•	•	•
		2	Boot Bargains	Performance Task	•		•
		3	How Many Treats	Performance Task	•		•
		4	Backyard Shed	Performance Task	•		•



<b>Grade 7 ELPS Summary by Module and Topic</b>	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
<b>Module 1 ELPS Summary</b>	•		•		•	•	•				•		•				•
M1 Topic 1 ELPS Summary	•		•		•	•	•				•		•				•
M1 Topic 2 ELPS Summary	•		•		•	•	•				•		•				•
M1 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
<b>Module 2 ELPS Summary</b>	•		•	•	•						•	•			•	•	
M2 Topic 1 ELPS Summary	•		•	•	•						•	•			•	•	
M2 Topic 2 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
<b>Module 3 ELPS Summary</b>	•		•	•	•	•	•				•	•			•	•	•
M3 Topic 1 ELPS Summary	•			•		•					•	•			•	•	
M3 Topic 2 ELPS Summary	•			•	•						•	•			•	•	•
M3 Topic 3 ELPS Summary	•		•	•	•	•	•				•	•			•	•	•
M3 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
<b>Module 4 ELPS Summary</b>	•		•	•	•		•				•	•			•	•	•
M4 Topic 1 ELPS Summary	•			•	•		•				•	•			•	•	•
M4 Topic 2 ELPS Summary	•		•	•	•		•				•	•			•	•	•
M4 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
<b>Module 5 ELPS Summary</b>	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
M5 Topic 1 ELPS Summary	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•
M5 Topic 2 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
<b>End of Topic: Formative Assessment</b>	•	•	•	•		•				•	•	•	•	•			•

<b>Grade 7 ELPS Summary by Module</b>	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	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
End of Course: Formative Assessment	•	•	•	•		•				•	•	•	•	•			•

<b>Grade 7 ELPS Course Summary</b>	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
Grade 7 ELPS Course Summary	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

