

Algebra 1

English Language Proficiency Standards (ELPS) Overview

This document provides an overview of the ELPS coverage in the Texas Math Solution for Algebra 1.

Module	Topic	L#	Lesson Title	Lesson Subtitle	1.A	1.B	1.C	1.D	
Module 1: Searching for Patterns	Topic 1: Quantities and Relationships	1	A Picture Is Worth a Thousand Words	Understanding Quantities and Their Relationships	●	●			
		2	A Sort of Sorts	Analyzing and Sorting Graphs	●	●			
		3	F of X	Recognizing Functions and Function Families	●	●			
		4	Function Families for 2000, Alex	Recognizing Functions by Characteristics	●	●			
	Topic 2: Sequences	1	Is There a Pattern Here?	Recognizing Patterns and Sequences	●	●			
		2	The Password Is . . . Operations!	Arithmetic and Geometric Sequences	●	●			
		3	Did You Mean: <i>Recursion</i> ?	Determining Recursive and Explicit Expressions from Contexts	●	●			
	Topic 3: Linear Regressions	4	3 Pegs, N Discs	Modeling Using Sequences	●	●			
		1	Like a Glove	Least Squares Regressions	●	●			
		2	Gotta Keep It Correlatin'	Correlation	●	●			
Module 2: Exploring Constant Change	Topic 1: Linear Functions	1	Connecting the Dots	Making Connections Between Arithmetic Sequences and Linear Functions	●	●	●		
		2	What's the Point?	Point-Slope Form of a Line?	●	●	●		
		3	The Arts Are Alive	Using Linear Equations	●	●	●		
		4	Fun Functions, Linear Ones	Making Sense of Different Representations of a Linear Function	●	●	●		
		5	Move It!	Transforming Linear Functions	●	●	●		
		6	Get a Move On!	Vertical and Horizontal Transformations of Linear Functions	●	●	●		
		7	Amirite?	Determining Slopes of Perpendicular Lines	●	●	●		
		8	Making a Connection	Comparing Linear Functions in Different Forms	●	●	●		
	Topic 2: Linear Equations and Inequalities	1	Strike a Balance	Solving Linear Equations	●	●	●		
		2	It's Literally About Literal Equations	Literal Equations	●	●	●		
	Topic 3: Systems of Equations and Inequalities	3	Not All Statements Are Made Equal	Modeling Linear Inequalities	●	●	●		
		1	The County Fair	Using Substitution to Solve Linear Systems	●	●	●		
		2	Double the Fun	Using Graphs to Solve Systems of Equations	●	●	●		
		3	The Elimination Round	Using Linear Combinations to Solve a System of Linear Equations	●	●	●		
		4	Throwing Shade	Graphing Inequalities in Two Variables	●	●	●		
		5	Working with Constraints	Systems of Linear Inequalities	●	●	●		
	Module 3: Investigating Growth and Decay	Topic 1: Introduction to Exponential Functions	6	Working the System	Solving Systems of Equations and Inequalities	●	●	●	
			1	It's a Generational Thing	Properties of Powers with Integer Exponents	●		●	
2			Show What You Know	Analyzing Properties of Powers	●	●	●		
3			A Constant Ratio	Geometric Sequences and Exponential Functions	●	●	●		
Topic 2: Using Exponential Equations		4	The Power Within	Rational Exponents and Graphs of Exponential Functions	●		●		
		1	Uptown and Downtown	Exponential Equations for Growth and Decay	●		●		
		2	Powers and the Horizontal Line	Interpreting Parameters in Context	●	●	●		
		3	Savings, Tea, and Carbon Dioxide	Modeling Using Exponential Functions	●		●		
		4	BAC Is Bad News	Choosing a Function to Model Data	●		●		
Module 4: Maximizing and Minimizing	Topic 1: Introduction to Quadratic Functions	1	Up and Down or Down and Up	Exploring Quadratic Functions	●	●	●		
		2	Endless Forms Most Beautiful	Key Characteristics of Quadratic Functions	●		●		
		3	Parabolas in Motion	Quadratic Function Transformations	●		●		
		4	Keep It Moving	Transformations of Quadratic Functions	●		●		
		5	You Lose Some, You Lose Some	Comparing Functions Using Key Characteristics and Average Rate of Change	●	●	●		
	Topic 2: Solving Quadratic Equations	1	This Time, With Polynomials	Adding, Subtracting, and Multiplying Polynomials	●		●		
		2	The Great Divide	Polynomial Division	●		●		
		3	Solutions, Plus or Minus	Representing Solutions to Quadratic Equations	●		●		
		4	Transforming Solutions	Solutions to Quadratic Equations in Vertex Form	●		●		
		5	The Missing Link	Factoring and Completing the Square	●		●		
		6	Ladies and Gents, Please Welcome the Quadratic Formula!	The Quadratic Formula	●		●		
		7	Fit This Model	Using Quadratic Functions to Model Data	●		●		
		End of Course	Formative Assessment	1	Health Club Payment Plans	Performance Task	●	●	●
2	Taco Festival			Performance Task	●	●	●		
3	Randy's Raises			Performance Task	●	●	●		
4	Undergraduate Tuition			Performance Task	●	●	●		

Algebra 1 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	3.A
Module 1 ELPS Summary	•		•		•	•	•				•		•					•
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	3.A
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	3.A
Module 3 ELPS Summary	•		•	•	•		•				•	•		•	•	•	•	•
M3 Topic 1 ELPS Summary	•		•	•	•		•				•	•		•	•	•	•	•
M3 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	3.A
Module 4 ELPS Summary	•	•	•	•	•		•		•		•	•			•	•	•	•
M4 Topic 1 ELPS Summary	•	•	•	•	•		•		•		•	•			•	•	•	•
M4 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	3.A
End of Course: Formative Assessment	•	•	•		•		•		•	•		•	•		•	•	•	•
	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	3.A
Algebra 1 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	3.A
Module 1 ELPS Summary	•		•		•	•	•				•		•					•
Module 2 ELPS Summary	•		•	•	•			•			•	•	•		•	•	•	•
Module 3 ELPS Summary	•		•	•	•		•				•	•		•	•	•	•	•
Module 4 ELPS Summary	•	•	•	•	•		•		•		•	•			•	•	•	•
End of Course: Formative Assessment	•	•	•		•		•		•	•		•	•		•	•	•	•
	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	3.A
Algebra 1 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	3.A
Algebra 1 ELPS Course Summary	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

