2026-2027 Algebra 1 Year-At-A-Glance

Term 1

Expressions, Equations, & Inequalities
- Simplifying Expressions
- Solving Equations
- Literal Equations

- Solving Multi-Step Equations & Inequalities
- Literal Equations(continued)

Time: 4 weeks
HMH Lesson: 1.1, 2.1, 2.2

Describing & Interpreting Functions
- Relations
- Multiple Representations
- Domain & Range
- Function Notation

Time: 2 weeks
HMH Lesson: 3.1, 3.2, 3.3

Linear Functions
- Key Features
- Slope
- Slope-intercept form
- Direct Variation

Time: 2 weeks
HMH Lesson: 5.3, 6.1

Term 2

Fall Benchmark

Linear Functions(continued)
- Point-slope form
- Standard form
- Applications
- Arithmetic Sequence

- Parent Functions
- Transformations
- Graphing Systems of Equations
- Parallel & Perpendicular Lines

Time: 4 weeks
HMH Lesson: 4.2, 4.3, 5.2, 6.2, 6.3, 6.4, 6.5

Systems of Equations
- Solve by Graphing
- Solve by Substitution and Elimination
- Writing and Solving (Table, Graph, Verbal Description)

Time: 2 weeks
HMH Lesson: 9.1, 9.2, 9.3, 10.1, 10.2

Linear Inequalities in Two Variables
- Graphing Linear Inequalities
- Writing Linear Inequalities
- Graphing Systems of Linear Inequalities

- Scatter Plots
- Causation
- Linear Regression
- Prediction

Time: 2 weeks
HMH Lesson: 7.3, 8.1, 8.2, 10.2

Semester Exam

Term 3

Exponential Functions
- Writing & Interpreting Exponential Functions
- Graphing & Key Features
- Growth & Decay
- Exponential Regression
- Geometric Sequences

Time: 2 weeks
HMH Lesson: 12.1, 12.2, 12.3,. 12.4, 13.2, 13.3

Laws of Exponents
- Laws of Exponents (including rational)
- Simplifying Radicals

Time: 2 weeks
HMH Lesson: 11.1, 11.2

Polynomial Operations
- Add, Subtract, Multiply
- Divide Polynomials-Degree One and Degree Two

Time: 2 weeks
HMH Lesson: 14.1, 14.2, 14.3, 15.1, 15.2, 15.4

Factoring
- Perfect Square Trinomials
- Difference of Two Squares
- Dividing Polynomials

Time: 2 weeks
HMH Lesson: 18.1, 18.2, 18.3

Intro to Quadratic Functions
- Key Features & Transformations
- Writing Equations & Graphing
- Applications & Modeling

Time: 2 weeks
HMH Lesson: 16.1, 16.2, 16.3, 20.1

Term 4

STAAR Simulation

Solving Quadratic Equations
- Factoring & Zero Property
- Square Root Method
- Quadratic Formula
- Solve By Graphing
- Applications

Time: 2 weeks
HMH Lesson: 17.2, 17.3, 19.1, 19.2

STAAR Countdown

STAAR

TEKS Review

Semester Exam

*HMH TX Algebra 1 can be accessed via Clever.
Timeframes may vary slightly based on student needs.