



Integrated Math 1 Semester 1			
Quarter 1 Modules 1-5			
UNIT	HMH MODULE (Chapter)	STANDARDS	Timeline
Unit 1 Algebraic Models (Old Unit 3 {partial})	Class Rules...Getting to know students 1.1 Solving Equations (Focus on Guess and Check) 1.2 Modeling Quantities (Focus on Unit Conversion)	A-REI.1 N-Q.1 N-Q.2 N-Q.3	6 days
	2.1 Modeling with Expressions 2.2 Creating and Solving Equations 2.4 Creating and Solving Inequalities (Creating Inequalities ONLY) 2.5 Creating and Solving Compound Inequalities (Creating ONLY)	A-SSE.1A A-CED.1 A-CED.3 A-CED.4	5 days
Unit 2 Patterns, Functions (Old Unit 1)	3.1 Graphing Relationships 3.2 Understanding Relations and Functions 3.3 Modeling with Functions 3.4 Graphing Functions	F-IF.1 F-IF.2 F-IF.4 F-IF.5	15 days
	4.1 Identifying and Graphing Sequences 4.2 Constructing Arithmetic Sequences 4.3 Modeling with Arithmetic Sequences	F-IF.3 F-LE.2 F-BF.1 F-BF.2	5 days
	Review & Testing		3 days

Unit 3 Building Linear Functions	5.1 Understanding Linear Functions 5.2 Using Intercepts 5.3 Interpreting Rate of Change & Slope	F-LE.1B F-IF.7A F-IF.6	8 days
Quarter 2 Modules 6-13 (Module 13 - Honors)			
	6.1 Slope- Intercept Form 6.2 Point- Slope Form 6.3 Standard Form 6.4 Transforming Linear Functions 6.5 Comparing Properties of Linear Functions	F-IF.7A F-IF.9 A-REI.10 A-CED.2 F-BF.3	10 days
	7.1 Modeling Linear Relationships 7.2 Using Functions to Solve One- Variable Equations 7.3 Linear Inequalities in Two Variables	A-CED.3 A-REI.11 A-REI.12 F-LE.5	5 days
	Review & Testing		3 days
Unit 4 Data Analysis	8.1 Two- Way Frequency Tables 8.2 Relative Frequency	S-ID.5	5 days
	9.1 Measures of Center and Spread 9.2 Data Distributions and Outliers 9.3 Histograms and Box Plots 9.4 Normal Distributions	S-ID.1 S-ID.2 S-ID.3	10 days
	10.1 Scatter Plots and Trend Lines 10.2 Fitting a Linear Model to Data 10.1 Scatter Plots (Use Scatter Plots to Introduce Pattern Recognition)	S-ID.6B S-ID.6C S-ID.8 S-ID.9	5 days
	Review & Testing		3 days

Unit 5 Systems of Equations & Inequalities	11.1 Solving Linear Systems by Graphing 11.2 Solving Linear Systems by Substitution 11.3 Solving Linear Systems by Adding or Subtracting 11.4 Solving Linear Systems by Multiplying First	A-REI.5 A-REI.6	10 days
	**Flex Days to be used for Review & Enrichment/ State Testing		7 days
	12.1 Creating Systems of Linear Equations 12.2 Graphing Systems of Linear Inequalities 12.3 Modeling with Linear Systems	A-CED.3 A-REI.12	5 days
Honors	13.1 Understanding Piecewise-Defined Functions 13.2 Absolute Value Functions and Transformations 13.3 Solving Absolute Value Equations 13.4 Solving Absolute Value Inequalities	F-IF.7b A-REI.3.1	
	Review & Testing		3 days
Semester 2			
Quarter 3 Modules 14-19 (Interim 3 on Modules 14-18)			
Unit 6 Geometric Sequences & Building Exponential Functions	14.1 Understanding Geometric Sequences 14.2 Constructing Geometric Sequences 14.3 Constructing Exponential Functions 14.4 Transforming Exponential Functions	F-LE.2 F-BF.1A F-BF.2 F-BF.3 F-IF.7E	6 days
	15.1 Using Graphs and Properties to Solve Equations with Exponents 15.2 Modeling Exponential Growth and Decay 15.3 Using Exponential Regression Models 15.4 Comparing Linear and Exponential Models	A-CED.1 F-IF.7e S-ID.6a F-LE.1a F-LE.1c	8 days

		F-LE. 5	
	Review & Testing		3 days
Unit 7 Geometric Properties & Constructions	16.1 Segment Length and Midpoints 16.2 Angle Measurement and Angle Bisectors (Constructions and Vocab Only) 16.3 Representing and Describing Transformations 16.4 Reasoning and Proof	G-CO.1 G-CO.2	10 days
	Review & Testing		3 days
Unit 8 Transformations	17.1 Translations 17.2 Reflections 17.3 Rotations 17.4 Investigations Symmetry	G-CO.3 G-CO.4	5 days
	18.1 Sequences of Transformations 18.2 Proving Figures are Congruent Using Rigid Motions 18.3 Corresponding Parts of Congruent Figures are Congruent	G-CO.5 G-CO.6 G-CO.7	10 days
	19.1 Angles Formed by Intersecting Lines 19.2 Transversals and Parallel Lines 19.3 Proving Lines are Parallel 19.4 Perpendicular Lines 19.5 Equations of Parallel and Perpendicular Lines		
	Review & Testing		3 days
Quarter 4 Modules 20-25 (Modules 21, 23.3, 23.4 - Honors)			
Unit 9 Triangle Congruence	20.1 Exploring What Makes Triangles Congruent 20.2 ASA Triangle Congruence 20.3 SAS Angle Congruence 20.4 SSS Triangle Congruence	G-CO.7 G-CO.8	6 days

Honors	21.1 Justifying Constructions 21.2 AAS Triangle Congruence 21.3 HL Triangle Congruence	G-CO.7	4 days
	Review & Testing		3 days
	22.1 Interior and Exterior Angles 22.2 Isosceles and Equilateral Triangles 22.3 Triangles Inequalities	G-CO.10 G-GMD-6	
Honors - 23.3, 23.4	23.1 Perpendicular Bisectors of Triangles 23.2 Angle Bisectors of Triangles 23.3 Medians and Altitudes of Triangles 23.4 Midsegments of Triangles	G-C.3 G-CO.10	
	24.1 Properties of Parallelograms 24.2 Conditions for Parallelograms 24.3 Properties of Rectangles, Rhombuses, and Squares 24.4 Conditions for Rectangles, Rhombuses, and Squares 24.5 Properties and Conditions for Kites and Trapezoids	G-CO.11 G-SRT.5	
	25.1 Slope and Parallel Lines 25.2 Slope and Perpendicular Lines 25.3 Coordinate Proof Using Distance with Segments and Triangles 25.5 Perimeter and Area on the Coordinate Plane	G-GPE.4 G-GPE.5 G-GPE.7	5 days
	Review & Testing		4

Note - Module 19 not included. Covered in Integrated Math 2