

Please Note:

All standards in the state course description are designed to be learned by the end of the course. This guide represents a recommended time line and sequence to be used voluntarily by teachers for planning purposes. Specific questions regarding when content will actually be addressed in a specific course are best answered by the individual teacher.

Teachers may use a wide variety of instructional materials throughout their course. The Possible Resources listed may include the district adopted instructional resource or supplemental resources that align to the topic and/or standard. These Possible Resources provide sample problems that align to the topic/standard.

Publisher Resource:

[Walch](#)

Other Course Supplemental Resources:

[Khan Academy – Algebra 1](#)

[Khan Academy – Finance and Capital Markets](#)

[Khan Academy – Personal Finance](#)

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Financial Algebra

2019-2020

	Week	Major Concepts / Topics	Possible Resources
Quarter 1 Aug 12 – Oct 11	1 8/12 – 8/16	<ul style="list-style-type: none"> Lesson 1.1: Identifying Terms, Factors, and Coefficients Lesson 1.2: Interpreting Complicated Expressions Financial Literacy Performance Task 1, Part 1 	Identifying Terms - Khan Academy Interpreting Complicated Expressions - Khan Academy
	2 8/19 – 8/23	<ul style="list-style-type: none"> Lesson 1.3: Creating Linear Equations in One Variable Lesson 1.4: Creating and Graphing Linear Equations Lesson 1.5: Representing Constraints Lesson 1.6: Rearranging Formulas 	Linear Equations - Khan Academy Graphing Linear Equations - Khan Academy
	3 8/26 – 8/30	<ul style="list-style-type: none"> Lesson 1.7: Evaluating Functions Lesson 1.8: Identifying Key Features of Linear and Exponential Graphs Lesson 1.9: Recognizing Rate of Change Financial Literacy Performance Task 1, Part 2 Module 1 Progress Assessment Lesson 1.10: Automobile Depreciation 	Evaluating Functions - Khan Academy Key Features of Linear Graphs - Khan Academy Rate of Change - Khan Academy
	4 9/3 – 9/6	<ul style="list-style-type: none"> Labor Day Holiday – 9/2 Lesson 1.11: Arithmetic Sequences Lesson 1.12: Interpreting Parameters Lesson 1.13: Solving Systems of Linear Equations by Graphing 	Arithmetic Sequences - Khan Academy Interpreting Parameters - Khan Academy Solving Systems by Graphing - Khan Academy
	5 9/9 – 9/13	<ul style="list-style-type: none"> Lesson 1.13: Solving Systems of Linear Equations by Graphing Lesson 1.14: Solving Problems Given Functions Fitted to Data Financial Literacy Performance Task 1, Part 3 Lesson 1.15: Determining Inverses of Other Functions 	Solving Systems by Graphing - Khan Academy Inverse functions - Khan Academy
	6 9/16 – 9/20	<ul style="list-style-type: none"> Lesson 1.15: Determining Inverses of Other Functions Lesson 1.16: Logarithmic Functions as Inverses Lesson 1.17: Analyzing Decisions 	Finding Inverse functions - Khan Academy
	7 9/23 – 9/27	<ul style="list-style-type: none"> Financial Literacy Performance Task 1 Presentation End-of-Module 1 Assessment 	
	8 9/30 – 10/4	<ul style="list-style-type: none"> Lesson 2.1: Interpreting Expressions and Equations Financial Literacy Performance Task 2 Lesson 2.2: Creating Inequalities in One Variable Lesson 2.3: Creating and Graphing Exponential Equations Lesson 2.4: Evaluating Functions 	Expressions - Khan Academy Equations - Khan Academy One Variable inequalities - Khan Academy Exponential Equations - Khan Academy

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	9 10/7 – 10/11	<ul style="list-style-type: none">• Lesson 2.4: Evaluating Functions• Module 2 Progress Assessment• Lesson 2.5: Graphing Other Functions• Lesson 2.6: Interpreting Parameters	Evaluating Functions - Khan ACademy Graphing and parameters - Khan ACademy
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Quarter 2 Oct 15 – Dec 20	1 10/15 – 10/18	<ul style="list-style-type: none"> Lesson 2.7: Categorical and Quantitative Variables Lesson 2.8: Reading Reports 	
	2 10/21 – 10/25	<ul style="list-style-type: none"> Financial Literacy Performance Task 2 Presentation End-of-Module Assessment 	
	3 10/28 – 11/1	<ul style="list-style-type: none"> Lesson 3.1: Creating Exponential Equations Financial Literacy Performance Task 3 Lesson 3.2: Creating and Graphing Equations in Two Variables 	Exponential Equations - Khan Academy Creating and graphing equations in two variables - Khan Academy
	4 11/4 – 11/8	<ul style="list-style-type: none"> Lesson 3.3: Identifying Key Features of Linear and Exponential Graphs Lesson 3.4: Comparing Linear to Exponential Functions Lesson 3.5: Constructing Functions from Graphs and Tables 	
	5 11/12 – 11/15	<ul style="list-style-type: none"> Veterans Day 9/11 Lesson 3.5: Constructing Functions from Graphs and Tables Financial Literacy Performance Task 3 Module 3 Progress Assessment Lesson 3.6: Solving Systems of Linear Equations 	Solving Systems of Linear Equations - Khan Academy
	6 11/18 – 11/22	<ul style="list-style-type: none"> Lesson 3.7: Interpreting Key Features of Quadratic Functions Lesson 3.8: Solving Systems by Graphing Lesson 3.9: Adding and Subtracting Polynomials 	Key features of quadratics - Khan Academy Adding and subtracting polynomials - Khan Academy
	7 11/25 – 11/26	<ul style="list-style-type: none"> Lesson 3.9: Adding and Subtracting Polynomials Lesson 3.10: Remainder Theorem Thanksgiving Holiday 11/27 - 11/29 	Adding and subtracting polynomials - Khan Academy Remainder Theorem - Khan Academy
	8 12/2 – 12/6	<ul style="list-style-type: none"> Lesson 3.10: Remainder Theorem Financial Literacy Performance Task 3 Presentation End-of-Module Assessment 	Remainder Theorem - Khan Academy
	9 12/9 – 12/13	<ul style="list-style-type: none"> Lesson 4.1: Creating Equations and Inequalities—Gross Pay Financial Literacy Performance Task 4 Lesson 4.2: Creating Equations in Context—Net Pay Lesson 4.3: Constraints in Employment Lesson 4.4: Rearranging Formulas 	Rearranging formulas - Khan Academy
	10 12/16 – 12/20	<ul style="list-style-type: none"> Lesson 4.4: Rearranging Formulas Semester Exams 	Rearranging formulas - Khan Academy

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Quarter 3 Jan 6 – Mar 12	1 1/6– 1/10	<ul style="list-style-type: none"> Lesson 4.5: Interpreting Employment Parameters Module 4 Progress Assessment Lesson 4.6: Building Functions from Context 	Building functions - Khan ACademy
	2 1/13 – 1/17	<ul style="list-style-type: none"> Lesson 4.7: Function Notation Financial Literacy Performance Task 4 Presentation End-of-Module Assessment 	Function notation - Khan Academy
	3 1/21 – 1/24	<ul style="list-style-type: none"> Martin Luther King Jr. Holiday 1/20 Lesson 5.1: Interpreting Complicated Expressions Financial Literacy Performance Task 5, Part 1 Lesson 5.2: Creating Equations and Inequalities in Two Variables 	Interpreting Complicated Expressions - Khan Academy Two variable inequalities - Khan Academy Two variable equations - Khan Academy
	4 1/27 – 1/30	<ul style="list-style-type: none"> Teacher Inservice 1/31 Lesson 5.3: Geometric Sequences Lesson 5.4: Interpreting Parameters Lesson 5.5: Properties of Equality 	Geometric Sequences - Khan ACademy Properties of equality - Khan Academy
	5 2/3 – 2/7	<ul style="list-style-type: none"> Lesson 5.5: Properties of Equality Module 5 Progress Assessment Lesson 5.6: Solving Equations and Inequalities Lesson 5.7: Taking the Square Root on Both Sides Financial Literacy Performance Task 5, Part 2 	Solving equations and inequalities - Khan Academy Square root both sides - Khan Academy
	6 2/10 – 2/14	<ul style="list-style-type: none"> Lesson 5.8: Factoring Lesson 5.9: Square Root and Cube Root Functions End-of-Module Assessment 	Factoring - Khan ACademy Radicals - Khan ACademy
	7 2/17 – 2/21	<ul style="list-style-type: none"> Lesson 6.1: Creating and Graphing Equations in Two Variables Financial Literacy Performance Task 6 Lesson 6.2: Solving Linear Equations Lesson 6.3: Solving Exponential Equations 	Two variable inequalities - Khan Academy Two variable equations - Khan Academy Solve linear equations - Khan Academy
	8 2/24 – 2/28	<ul style="list-style-type: none"> Presidents Day Holiday 2/17 Lesson 6.4: Completing the Square Lesson 6.5: Create and Graphing Equations Using Vertex Form Module 6 Progress Assessment 	Completing the square - khan academy
	9 3/2 – 3/6	<ul style="list-style-type: none"> Lesson 6.6: Graphing Absolute Value & Step Functions Lesson 6.7: Graphing Other Piecewise Functions 	Absolute value and piecewise functions - Khan Academy

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	10 3/9 – 3/12	<ul style="list-style-type: none">• Lesson 6.8: Solving Rational Equations• Lesson 6.9: Solving Radical Equations• <i>Financial Literacy Performance Task 6</i>• End-of-Module Assessment	
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Quarter 4 Mar 23 – May 27	1 3/16 – 3/20	<ul style="list-style-type: none"> • SPRING BREAK – NO SCHOOL 	
	2 3/23 – 3/27	<ul style="list-style-type: none"> • Lesson 7.1: Creating and Solving Equations in Two Variables • Financial Literacy Performance Task 7 • Lesson 7.2: Representing Constraints • Lesson 7.3: Arithmetic Sequences 	Two variable equations - Khan Academy Arithmetic Sequences - Khan Academy
	3 3/30 – 4/3	<ul style="list-style-type: none"> • Lesson 7.3: Arithmetic Sequences • Module 7 Progress Assessment • Lesson 7.4: Geometric Sequences • End-of-Module Assessment 	Geometric sequences - Khan Academy
	4 4/6 – 4/9	<ul style="list-style-type: none"> • Lesson 8.1: Creating Equations and Inequalities in Two Variables • Lesson 8.2: Evaluating Financial Expressions • Holiday 4/10 	Evaluating financial expressions - Khan Academy
	5 4/14 – 4/17	<ul style="list-style-type: none"> • Holiday 4/13 • Financial Literacy Performance Task 8 • Lesson 8.3: Arithmetic & Geometric Sequences • Lesson 8.4: Fitting Linear Functions to Data • Module 8 Progress Assessment 	Sequences - Khan Academy
	6 4/20 – 4/24	<ul style="list-style-type: none"> • Lesson 8.5: Reading Reports • Lesson 8.6: Finite Geometric Series • Lesson 8.7: Calculating Expected Value • End-of-Module Assessment 	Finite geometric sequences - Khan Academy
	7 4/27 – 5/1	<ul style="list-style-type: none"> • Lesson 8.7: Calculating Expected Value • End-of-Module Assessment • Lesson 9.1: Functions and Budgets • Financial Literacy Performance Task 9 	
	8 5/4 – 5/8	<ul style="list-style-type: none"> • Lesson 9.2: Graphing Non-Linear Functions • Lesson 9.3: Representing Systems of Equations With Matrices • Module 9 Progress Assessment 	
	9 5/11 – 5/15	<ul style="list-style-type: none"> • Lesson 9.4: Using Inverse Matrix to Solve Systems of Equations • End-of-Module Assessment 	
	10 5/18 – 5/22	<ul style="list-style-type: none"> • <i>FINAL EXAM REVIEW</i> 	

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	11 5/25 – 5/27	• FINAL EXAMS	
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