

Please Note:

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Publisher Resource:

Other Course Supplemental Resources:

[FoolProof](#) The program that teaches you about money, financial responsibility and the realities of advertising and the free enterprise system.

[Algebra 1](#) (Khan Academy)

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

[Algebra 2](#) - Khan Academy

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	Week	Major Concepts / Topics	Possible Resources
Quarter 1 Aug 10 – Oct 13	1 8/10 - 8/11	<ul style="list-style-type: none"> Budget : Part 1 	Set up your “Future”
	2 8/14 – 8/18	<ul style="list-style-type: none"> Module 8 : Episode 1 Linear Equations Interpret Slope/Intercept through word problems Understanding Domain/Constraints as it relates to real situations 	Foolproofme.com Introduction to FoolProof Module 8: Burning Money . Go through Episode 1 and begin the 7 day “Spending Journal” with the students. Linear equations word problems: earnings - Khan Academy Decisions within a budget constraint - Khan Academy
	3 8/21 – 8/25	<ul style="list-style-type: none"> Quadratic Equations Characteristics of Graphs of Quadratics as it relates to real-world interpretations – i.e. max/min, y-intercept, etc. Rational Equations Proportions as it relates to applications of cost analysis including percent. 	Zeros of polynomials & their graphs - Khan Academy Solving percent problems - Khan Academy
	4 8/28 – 9/1	<ul style="list-style-type: none"> Module 8: Episode 2 Absolute Value Equations Understanding absolute change relating to values Understanding percent increase/decrease in an absolute sense. 	Foolproofme.com Interpreting absolute value - Khan Academy Growing by a percentage - Khan Academy
	5 9/5 – 9/8	<ul style="list-style-type: none"> Module 8: Episodes 3 & 4 	Foolproofme.com Students will complete the Episodes online. Episodes 1-4 Comprehensive Test .
	6 9/11 – 9/15	<ul style="list-style-type: none"> Inequalities Systems of Equations One and two variable linear equations and systems of equations. Developing systems to model cost/benefit analysis 	Inequalities word problems - Khan Academy System of equations - Khan Academy

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Financial Algebra

2017 – 2018

	7 9/18 – 9/22	<ul style="list-style-type: none"> • Literal Equations • Exponential Equations <p>Basic form of exponential as applied to finances – compound interest.</p>	<p>Solving an equation for a variable - Khan Academy</p> <p>Exponential growth & decay word problems - Khan Academy</p> <p>Exponential expressions word problems (numerical) - Khan Academy</p>
	8 9/25 – 9/29	<ul style="list-style-type: none"> • Review and Test - Mathematical concepts – writing and analyzing characteristics of equations. • Module 9: Rent • Module 10: Buy Home 	<p>Foolproofme.com</p> <p>Complete Module 9 including test</p> <p>Complete Module 10 including test</p>
	9 10/2 – 10/6	<ul style="list-style-type: none"> • Practical Money Skills-Lesson 11: Savvy Spending • Budget Project 	<p>Lesson 11: Savvy Spending: Sharpening Money Decisions - Practical Money Skills</p>
	10 10/9 – 10/13	<ul style="list-style-type: none"> • Expected Value 	<p>Expected value - Khan Academy</p>

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Financial Algebra

2017 – 2018

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Quarter 2 Oct 17 – Dec 21	1 10/17 – 10/20	<ul style="list-style-type: none"> Solving linear systems by graphing Solving linear systems by substitution 	System of equations - Khan Academy
	2 10/23 – 10/27	<ul style="list-style-type: none"> Solving linear systems by elimination Write and solve linear systems from word problems 	System of equations - Khan Academy
	3 10/30 – 11/3	<ul style="list-style-type: none"> Solving Non-Linear Systems Financial Algebra Book Sections 2.5 – 2.8 Expense, Revenue, Profit 	
	4 11/6 – 11/9	<ul style="list-style-type: none"> Solving Rational Equations Solving Radical Equations 	Rational expressions, equations, and functions - Khan Academy
	5 11/13 – 11/17	<ul style="list-style-type: none"> MATRICES PART A – Find the inverse of matrices MATRICES PART B – Use the inverse to solve matrices 	Matrices - Khan Academy
	6 11/20 – 11/21	<ul style="list-style-type: none"> MATRICES PART B – Use the inverse to solve matrices (cont.) 	
	7 11/27 – 12/1	<ul style="list-style-type: none"> Module 15 – FOOLPROOF PORTFOLIO PROJECT #2 INSURING YOUR CAR 	Foolproofme.com Complete Module 15 including test
	8 12/4 – 12/8	<ul style="list-style-type: none"> Factoring simple quadratics Completing the square of simple quadratics Assessment 	Quadratic Equations and Functions - Khan Academy
	9 12/11 – 12/15	<ul style="list-style-type: none"> Using the Remainder Theorem Construct rough graphs using zeros and end behavior Assessment 	Arithmetic with Polynomials - Khan Academy Zeros of polynomials & their graphs - Khan Academy End behavior of polynomial functions - Khan Academy
	10 12/18 – 12/21	<ul style="list-style-type: none"> EXAM WEEK 	

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Financial Algebra

2017 – 2018

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Quarter 3 Jan 8 – Mar 15	1 1/8 – 1/12	<ul style="list-style-type: none"> Scatterplots and Linear Regression (rate of change, intercepts) 	Scatterplots - Khan Academy
	2 1/16 – 1/19	<ul style="list-style-type: none"> Linear and Quadratics (intersections, interpret key features) 	Features of quadratic functions - Khan Academy Interpreting Functions - Khan Academy
	3 1/22 – 1/26	<ul style="list-style-type: none"> Piecewise Functions Appropriate Units Review Graphing 	Piecewise Functions - Khan Academy Appropriate Units - Khan Academy
	4 1/30 – 2/2	<ul style="list-style-type: none"> FoolProof Module 12: Tax Me, Please 	Foolproofme.com Complete Module 12 including test
	5 2/5 – 2/9	<ul style="list-style-type: none"> Introduction to Taxes, Forms, Schedules, Statements Taxes Continued 	Taxes - Khan Academy
	6 2/12 – 2/16	<ul style="list-style-type: none"> Portfolio Project #3: W2s and Filing Taxes 	
	7 2/20 – 2/23	<ul style="list-style-type: none"> FoolProof Module 3: Kick Some Buck Introduction to Credit and Credit Cards Why Credit Matter, Using Credit Cards Wisely 	Foolproofme.com Complete Module 3 including test Federal Trade Commission - Credit and Loans
	8 2/26 – 3/2	<ul style="list-style-type: none"> FoolProof Module 16: I'm Broke Dangers of Debt, Identity Theft 	Foolproofme.com Complete Module 16 including test Dealing with Debt - Mycreditunion.gov Identity Theft - Mycreditunion.gov
	9 3/5 – 3/9	<ul style="list-style-type: none"> Portfolio Project #4: Credit Card Research (OR) FoolProof Modules 2: Module 2: Breathing Without Air, Module 6: Sucker Punch, Module 7: Boxing Practice 	Foolproofme.com Complete Module 2, 6 and 7 including test
	10 3/12 – 3/15	<ul style="list-style-type: none"> Review and Test 	

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Quarter 4 Mar 19 – May 24	1 3/19 – 3/23	<ul style="list-style-type: none"> Exponential Function & Growth and Decay Inverse Functions and Relations 	e and compound interest - Khan Academy Inverse Functions - Khan Academy
	2 3/26 – 3/30	<ul style="list-style-type: none"> SPRING BREAK – NO SCHOOL 	
	3 4/2 – 4/6	<ul style="list-style-type: none"> Log Functions Properties of Logs Exponential and Log Equations 	Logarithmic Functions - Khan Academy
	4 4/9 – 4/13	<ul style="list-style-type: none"> Exponential and Log Equations Natural Log Module 17 – Pay Me While I Sleep 	Logarithmic Functions - Khan Academy Foolproofme.com Complete Module 17 including test
	5 4/16 – 4/20	<ul style="list-style-type: none"> Module 18 – Time Travel Project #5 	Foolproofme.com Complete Module 18 including test
	6 4/23 – 4/27	<ul style="list-style-type: none"> Project #5 Project #6 	
	7 4/30 – 5/4	<ul style="list-style-type: none"> Project #6 Project #7 	
	8 5/7 – 5/11	<ul style="list-style-type: none"> Project #7 	
	9 5/14 – 5/18	<ul style="list-style-type: none"> Final Exam Review 	
	10 5/21 – 5/24	<ul style="list-style-type: none"> Final Exams 	

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