

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 12	1 8/10	<ul style="list-style-type: none"> Budget : Part 1 	Set up your “Future”
	2 8/13 – 8/17	<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 8/20 – 8/24	<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. Proportions as it relates to applications of cost analysis including percent. 	Zeros of polynomials & their graphs - Khan Academy Solving percent problems - Khan Academy
	4 8/27 – 8/31	<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 9/3 – 9/7	<ul style="list-style-type: none"> Module 8: Episodes 3 & 4 	Foolproofme.com Students will complete the Episodes online. Episodes 1-4 Comprehensive Test.

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<p>6 9/10 – 9/14</p>	<ul style="list-style-type: none"> • Inequalities • Systems of Equations <p>One and two variable linear equations and systems of equations. Developing systems to model cost/benefit analysis</p>	<p>Inequalities word problems - Khan Academy</p> <p>System of equations - Khan Academy</p>
<p>7 9/17 – 9/21</p>	<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>
<p>8 9/24 – 9/28</p>	<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 Complete Module 9 including test Complete Module 10 including test</p>
<p>9 10/1 – 10/5</p>	<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>
<p>10 10/8 – 10/12</p>	<ul style="list-style-type: none"> • Expected Value 	<p>Expected value - Khan Academy</p>

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Quarter 2 Oct 16 – Dec 21	1 10/16 – 10/19	<ul style="list-style-type: none"> • Solving linear systems by graphing • Solving linear systems by substitution • 	System of equations - Khan Academy
	2 10/22 – 10/26	<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 10/29 – 11/2	<ul style="list-style-type: none"> • Solving Non-Linear Systems • Financial Algebra Book Sections 2.5 – 2.8 <i>Expense, Revenue, Profit</i> 	
	4 11/5 – 11/9	<ul style="list-style-type: none"> • Solving Rational Equations • Solving Radical Equations 	Rational expressions, equations, and functions - Khan Academy
	5 11/12 – 11/16	<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 11/19 – 11/20	<ul style="list-style-type: none"> • MATRICES PART B – Use the inverse to solve matrices (cont.) 	Foolproofme.com Complete Module 15 including test
	7 11/26 – 11/30	<ul style="list-style-type: none"> • Module 15 – FOOLPROOF • PORTFOLIO PROJECT #2 INSURING YOUR CAR 	Quadratic Equations and Functions - Khan Academy
	8 12/3 – 12/7	<ul style="list-style-type: none"> • Factoring simple quadratics • Completing the square of simple quadratics • Assessment 	Arithmetic with Polynomials - Khan Academy Zeros of polynomials & their graphs - Khan Academy End behavior of polynomial functions - Khan Academy
	9 12/10 – 12/14	<ul style="list-style-type: none"> • Using the Remainder Theorem • Construct rough graphs using zeros and end behavior • Assessment 	
	10 12/17 – 12/21	<ul style="list-style-type: none"> • EXAM WEEK 	

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Quarter 3 Jan 7 – Mar 14	1 1/7– 1/11	<ul style="list-style-type: none"> Scatterplots and Linear Regression (rate of change, intercepts) 	Scatterplots - Khan Academy
	2 1/14 – 1/18	<ul style="list-style-type: none"> Linear and Quadratics (intersections, interpret key features) 	Features of quadratic functions - Khan Academy Interpreting Functions - Khan Academy
	3 1/21 – 1/25	<ul style="list-style-type: none"> Piecewise Functions Appropriate Units Review Graphing 	Piecewise Functions - Khan Academy Appropriate Units - Khan Academy
	4 1/28 – 2/1	<ul style="list-style-type: none"> FoolProof Module 12: Tax Me, Please Introduction to Taxes, Forms, Schedules, Statements 	Foolproofme.com Complete Module 12 including test Taxes - Khan Academy
	5 2/4 – 2/8	<ul style="list-style-type: none"> Taxes Continued 	Foolproofme.com Complete Module 3 including test Federal Trade Commission - Credit and Loans
	6 2/11 – 2/15	<ul style="list-style-type: none"> Portfolio Project #3: W2s and Filing Taxes 	Foolproofme.com Complete Module 16 including test Dealing with Debt - Mycreditunion.gov Identity Theft - Mycreditunion.gov
	7 2/18 – 2/22	<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 2, 6 and 7 including test
	8 2/25 – 3/1	<ul style="list-style-type: none"> FoolProof Module 16: I'm Broke Dangers of Debt, Identity Theft 	
	9 3/4 – 3/8	<ul style="list-style-type: none"> Portfolio Project #4: Credit Card Research (OR) FoolProof Modules 2: Module 2: Breathing Without Air, 	

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		Module 6: Sucker Punch Module 7: Boxing Practice	
	10 3/11 – 3/14	<ul style="list-style-type: none"> • Review and Test 	

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Quarter 4 Mar 18 – May 24	1 3/18 – 3/22	<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 3/25 – 3/29	<ul style="list-style-type: none"> SPRING BREAK – NO SCHOOL 	
	3 4/1 – 4/5	<ul style="list-style-type: none"> Log Functions Properties of Logs Exponential and Log Equations 	Logarithmic Functions - Khan Academy
	4 4/8 – 4/12	<ul style="list-style-type: none"> Exponential and Log Equations Natural Log e 	Logarithmic Functions - Khan Academy Foolproofme.com Complete Module 17 including test
	5 4/15 – 4/19	<ul style="list-style-type: none"> Module 17 – Pay Me While I Sleep Module 18 – Time Travel Project #5 Project #6 	Foolproofme.com Complete Module 18 including test
	6 4/22 – 4/26	<ul style="list-style-type: none"> Arithmetic Sequences Geometric Sequences 	
	7 4/29 – 5/3	<ul style="list-style-type: none"> Sum of Finite Geometric series 	
	8 5/6 – 5/10	<ul style="list-style-type: none"> Project #6 Project #7 	
	9 5/13 – 5/17	<ul style="list-style-type: none"> Course Standards Review 	
	10 5/20 – 5/24	<ul style="list-style-type: none"> Final Exams 	

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