

| Unit | # | Lesson | Title | Week Starting | Topic | Date Completed | Practice Problems Completed? | Rate your mastery on a scale of 1-10 |
|--------------------------------------|----|---------|------------------------------|-----------------------------|--|----------------|------------------------------|--------------------------------------|
| 1. Representing Relationships | 1 | A1.1.2 | Visual Patterns | Aug 26 | Solving Problems With Tables | | | |
| | 2 | A1.1.3 | More Visual Patterns | | Solving Problems With Expressions | | | |
| | 3 | A1.1.4 | Dominoes | | Solving Problems With Graphs | | | |
| | 4 | A1.1.5 | Growing Globbs | Sep 2 No class on Labor Day | Patterns of Growth | | | |
| | 5 | A1.1.7 | Exploring Equations | | Growth in Tables and Equations | | | |
| | | | Quiz | | | | | |
| | 6 | A1.1.8 | Carlos's Fish | Sep 9 | Equations of Exponential Relationships | | | |
| | 7 | A1.1.10 | Going Viral | | Graphs and Exponential Relationships | | | |
| | 8 | A1.1.11 | Predicting Diseases | | Linear and Exponential Modeling | | | |
| | | | End Assessment | | | | | |
| 2. Linear Equations and Inequalities | 9 | A1.2.1 | Hang On | Sep 16 | Solving Equations With Balanced Moves | | | |
| | 10 | A1.2.2 | Working Backwards | | Solving Equations With Inverse Operations | | | |
| | 11 | A1.2.5 | Same Position | | No Solution and Infinite Solutions | | | |
| | 12 | A1.2.6 | Subway Seats | Sep 23 | Representing Situations With Two-Variable Equations | | | |
| | 13 | A1.2.8 | Shelley the Snail | | Connecting Graphs and Linear Equations | | | |
| | | | Quiz | | | | | |
| | 14 | A1.2.10 | Pizza Delivery | Sep 30 | Representing Situations With One-Variable Inequalities | | | |
| | 15 | A1.2.11 | Graphing Inequalities | | Inequalities on the Number Line | | | |
| | 16 | A1.2.12 | Solutions and Sheep | | Solving One-Variable Inequalities | | | |
| | 17 | A1.2.13 | Bracelet Budgets | Oct 7 | Introduction to Two-Variable Inequalities | | | |
| | 18 | A1.2.14 | All the Solutions | | Graphing Solutions to Two-Variable Inequalities | | | |
| | | | Assessment | | | | | |
| 3. Describing Data | 19 | A1.3.1 | Survey Says | Oct 14 | What Kinds of Data Can I Collect? | | | |
| | 20 | A1.3.2 | Love It or Hate It | | Revisiting Dot Plots and Histograms | | | |
| | 21 | A1.3.3 | Better Weather | | Revisiting Box Plots | | | |
| | 22 | A1.3.4 | Shapes of Data | | Describing Data Sets | | | |
| | 23 | A1.3.5 | Quick Click | | Revisiting Measures of Center | | | |
| | 24 | A1.3.6 | Finding Desmo | Oct 21 | Introduction to Standard Deviation | | | |
| | 25 | A1.3.8 | Racecar | | Comparing Data Using Median and IQR | | | |
| | 26 | A1.3.9 | Far Out | | Identifying Outliers | | | |
| | | | Quiz | | | | | |
| | 27 | A1.3.11 | Correlation Coefficient | Oct 28 | Introduction to Correlation Coefficient | | | |
| | 28 | A1.3.12 | How Hot Is It? | | Comparing Data Using Mean and Standard Deviation | | | |
| | 29 | A1.3.13 | City Slopes | | Interpreting Slope and Vertical Intercept in Context | | | |
| | 30 | A1.3.14 | Residual Fruit | Nov 4 | Residuals and Residual Plots | | | |
| | 31 | A1.3.15 | Penguin Populations | | Using Technology to Generate the Line of Best Fit | | | |
| | | | Assessment | | | | | |
| 4. Describing Functions | 32 | A1.4.1 | Mystery Rule | Nov 11 | What Is a Function? | | | |
| | 33 | A1.4.2 | Pricing Pizzas | | Introducing Function Notation | | | |
| | 34 | A1.4.3 | Toy Factory | | Function Notation and Equations | | | |
| | | | Quiz 1 | | | | | |
| | 35 | A1.4.5 | Function Carnival | Nov 18 | Creating and Interpreting Graphs of Functions | | | |
| | 36 | A1.4.6 | Craft-a-Graph | | Key Features of Graphs | | | |
| | 37 | A1.4.7 | Plane, Train, and Automobile | | Average Rate of Change | | | |
| | 38 | A1.4.8 | Space Race | | Comparing Graphs | | | |
| | 39 | A1.4.10 | Elevator Stories | Dec 2 | Describing Domain and Range With Inequalities | | | |
| | 40 | A1.4.11 | Marbleslides | | Graphing Functions With Restrictions | | | |
| | 41 | A1.4.12 | Graduation Graphs | | Functions in Context | | | |
| | | | Quiz 2 | | | | | |
| | 42 | A1.4.13 | Pumpkin Prices | Dec 9 | Piecewise-Defined Functions, Part 1 | | | |
| | 43 | A1.4.15 | What's Your Score? | | Absolute Value Functions, Part 1 | | | |
| | 44 | A1.4.16 | Absolute Value Machines | | Absolute Value Functions, Part 2 | | | |
| | | | Assessment | | | | | |
| | | | End of Semester 1 | | | | | |

Algebra 1 Student Progress Checklist

[illegible]