

ALGEBRA 1 SUPPORT Unit 1

Math Talk: Subtraction	1	1.1	
Human Box Plot	1	1.2	
Creating Box Plots	1	1.3	
Notice and Wonder: Flipping Coins	1	2.1	
Human Dot Plot	1	2.2	
Constructing a Dot Plot	1	2.3	
Math Talk: What Was the Final Temperature?	1	3.1	
Best Representation	1	3.2	
Which One?	1	3.3	
Math Talk: Number Line Distance	1	4.1	
Suspicious Descriptions	1	4.2	
Whipping Data into Shape	1	4.3	
Math Talk: Find the Mean	1	5.1	
Watch Your Steps	1	5.2	
Row Game: Calculations	1	5.3	
Estimation: Stack of Books	1	9.1	
Spreadsheet Statistics	1	9.2	
Which Data Display?	1	9.3	
Estimation: Lamp Post	1	10.1	
Balance Point	1	10.2	
Mean vs. Median	1	10.3	
Estimation: Stack of Books II	1	11.1	
Which One's Best?	1	11.2	
Which One's Best? 2	1	11.3	
Estimation: Average Book Length	1	12.1	
The Better Option	1	12.2	
Notice and Wonder: Preschool Heights	1	12.3	
Estimation: Marathon Runner	1	13.1	
Calculate Standard Deviation	1	13.2	
Which Route is the Best Route?	1	13.3	

Math Talk: Outliers	1	14.1	
Mountain Hike	1	14.2	
The Meaning of an Outlier	1	14.3	
Estimation: Marathon Runner 2	1	15.1	
Groups of Runners	1	15.2	
Where Are We Eating?	1	15.3	
Math Talk: Measuring Up	1	16.1	
Compare & Contrast	1	16.2	
Compare & Contrast Continued	1	16.3	

Option lessons do not have support lessons.

ALGEBRA 1 SUPPORT Unit 2

Notice and Wonder: Party Planning	2	1.1	
Feeding Operation	2	1.2	
Important Quantities	2	1.3	
Math Talk: Perceiving Percents	2	2.1	
Identify and Represent	2	2.2	
Matching Expressions	2	2.3	
Notice and Wonder: A Table	2	3.1	
Complete the Table	2	3.2	
Card Sort: Tables, Equations, and Situations	2	3.3	
Notice and Wonder: Equations	2	4.1	
Raffles and Snacks	2	4.2	
Row Game: Solving Equations	2	4.3	
Math Talk: Solving Equations	2	5.1	
On the Line	2	5.2	
Take Turns: Graphs, Tables, Equations, and Situations	2	5.3	
Notice and Wonder: Solving Equations	2	6.1	
Hanger Diagrams	2	6.2	
Diagrams and Equations	2	6.3	
Estimation: Equal Weights	2	7.1	
What's the Same? What's Different?	2	7.2	
Generating Equivalent Equations	2	7.3	
Math Talk: Multiplying	2	8.1	
Keeping It Equal	2	8.2	
Turn Up the Volume	2	8.3	
Math Talk: True Values	2	9.1	
Fizzy Drinks and Fast Driving	2	9.2	
Finding an Error	2	9.3	
Which One Doesn't Belong: Slopes and Intercepts	2	10.1	

What's the Same? What's Different?	2	10.2	
Situations and Graphs	2	10.3	
Notice and Wonder: Sugar and Flour	2	11.1	
Matching Matching	2	11.2	
Part of Linear Equations	2	11.3	
Notice and Wonder: Snacks for Sale	2	12.1	
Matching Graphs to Situations	2	12.2	
Ride Sharing Among Friends	2	12.3	
Math Talk: Evaluating Expressions	2	13.1	
Solving for a Variable	2	13.2	
Solving Some Equations	2	13.3	
Criss Cross'll Make You Jump	2	14.1	
They're Like Terms, Man	2	14.2	
Finding More Lines	2	14.3	
Estimation: Coin Weight	2	15.1	
Row Game: Equations	2	15.2	
What Were They Thinking?	2	15.3	
Which One Doesn't Belong: Systems of Equations	2	16.1	
Examining Equation Pairs	2	16.2	
Making the Coefficient	2	16.3	
Notice and Wonder: Three Graphs	2	17.1	
How Many Answers?	2	17.2	
Write, Trade, Check	2	17.3	
Inequalities	2	18.1	
Sweater Weather	2	18.2	
Representing Inequalities	2	18.3	
Notice and Wonder: Shaded Number Line	2	19.1	
Pick a Number	2	19.2	
Matching Words and Symbols	2	19.3	
Math Talk: Solving Inequalities	2	20.1	
Checking and Graphing Inequalities	2	20.2	

Card Sort: What's the Situation?	2	20.3	
Describing Regions of the Plane	2	21.1	
More or Less	2	21.2	
Above or Below the Line	2	21.3	
Graph Features of Inequalities	2	22.1	
Fruits and Running	2	22.2	
Matching Graphs and Inequalities	2	22.3	
Notice and Wonder: The Wonderful World of Finance	2	23.1	
Insurance Policies	2	23.2	
Row Game: Writing Inequalities from Situations	2	23.3	
Notice and Wonder: Shady Graphs	2	24.1	
Some (Admittedly Silly) Riddles	2	24.2	
Which Side Are You On?	2	24.3	
Which One Doesn't Belong: Splash Zone!	2	25.1	
Amusing Solutions	2	25.2	
Which Section?	2	25.3	
Math Talk: Solving Equations	2	26.1	
Character Chat	2	26.2	
Error!	2	26.3	

ALGEBRA 1 SUPPORT Unit 3

Estimation: Percents	3	1.1	
Human Frequency Table	3	1.2	
Class Celebration	3	1.3	
Math Talk: Percents	3	2.1	
Shapes Galore	3	2.2	
Favorite Movies and Favorite Classes	3	2.3	
Estimation	3	3.1	
Relative Frequency Tables	3	3.2	
Associate Your Variables	3	3.3	
Math Talk: Units	3	4.1	
Absences and Scores	3	4.2	
Elevator Weights	3	4.3	
What's the Rate?	3	5.1	
Goodness-of-Fit	3	5.2	
What Fits?	3	5.3	
Which One Doesn't Belong: Data Representations	3	6.1	
Predicting Sales	3	6.2	
Predictions	3	6.3	
Math Talk: Ordering Decimals	3	7.1	
Ranking Models	3	7.2	
Predicting Value	3	7.3	
Notice and Wonder: Correlations	3	8.1	
Variable Relationships	3	8.2	
Card Sort: Correlations	3	8.3	
Which One Doesn't Belong: Correlations	3	9.1	
Correlation Relationships	3	9.2	
It Takes Two	3	9.3	
Which One Doesn't Belong: Data Correlations	3	10.1	

Electric Power	3	10.2	
Confident Players	3	10.3	

ALGEBRA 1 SUPPORT Unit 4

Notice and Wonder: A Rocket Path	4	1.1	
Matching Descriptions and Graphs	4	1.2	
Say What You See	4	1.3	
A Day of Temperature	4	2.1	
What Happens to -2 ?	4	2.2	
It's Heating Up!	4	2.3	
Which One Doesn't Belong: Function Notation	4	3.1	
Points into Function Notation and Back	4	3.2	
A Graph with Properties	4	3.3	
Math Talk: Finding Outputs	4	4.1	
It's Getting Hotter	4	4.2	
You Charge How Much?	4	4.3	
Notice and Wonder: Representing Functions	4	5.1	
A Seat at the Tables	4	5.2	
Function Finder	4	5.3	
Notice and Wonder: Unemployment Percentage	4	6.1	
Examining Unemployment Percentages	4	6.2	
The Wire	4	6.3	
Math Talk: Evaluating Fractions	4	7.1	
Connect the Dots	4	7.2	
Ups and Downs	4	7.3	
Notice and Wonder: Crimes	4	8.1	
Dining Out	4	8.2	
Draw the Graphs	4	8.3	
Comparing Values	4	9.1	
What Could It Be?	4	9.2	
Cities, Towns, and Villages	4	9.3	
A Function Riddle	4	10.1	

What's the Input?	4	10.2	
Matching Possible Inputs	4	10.3	
Notice and Wonder: A Wiggly Graph	4	11.1	
Moving Weeds and a Ball	4	11.2	
Make It Realistic	4	11.3	
Notice and Wonder: Ticket Price	4	12.1	
Group Ticket Cost	4	12.2	
A Light Trip	4	12.3	
Math Talk: How Far?	4	13.1	
$\$a$ and $\$b$	4	13.2	
It's That Far Away	4	13.3	
Math Talk: Closest to Zero	4	14.1	
What is Absolute Value?	4	14.2	
Absolute Value Expressions	4	14.3	
Inches to Feet and Back	4	15.1	
Building Square Planters	4	15.2	
Inputs and Outputs from Graphs	4	15.3	
No Bad Apples	4	16.1	
A Charity Shopping Trip	4	16.2	
Isolate the $\$x$	4	16.3	
Math Talk: Function Evaluation	4	17.1	
A Long Car Trip	4	17.2	
A Warehouse and Highway	4	17.3	
What'll It Be?	4	18.1	
Collectable Toy Price	4	18.2	
More Information	4	18.3	

ALGEBRA 1 SUPPORT Unit 5

Reviewing Exponents	5	1.1	
Saving Money	5	1.2	
Identifying Equivalent Expressions	5	1.3	
How Big Can the Garden Be?	5	2.1	
Representing Relationships	5	2.2	
Whose Representation is That?	5	2.3	
Math Talk: Comparing Expressions	5	3.1	
Reviewing the Properties of Exponents	5	3.2	
Use Your Powers!	5	3.3	
Math Talk: Subtracting from 1	5	4.1	
Partway There	5	4.2	
Distribute and Subtract and Multiply!	5	4.3	
Math Talk: Evaluating Expressions	5	5.1	
A Good Night's Sleep	5	5.2	
What's My Equation?	5	5.3	
Multiplication and Division	5	6.1	
Scaling Segments	5	6.2	
Medicine Wears Off	5	6.3	
Math Talk: Powers of Ten	5	7.1	
Maintain the Pattern	5	7.2	
Matching Equal Expressions	5	7.3	
The Secret Club	5	8.1	
Examples of Functions	5	8.2	
Matching Representations	5	8.3	
Notice and Wonder: What Do You See?	5	9.1	
Connect . . . or Not	5	9.2	
Thinking Like a Modeler	5	9.3	
Growing Bamboo	5	10.1	
A Growing Account Balance	5	10.2	
The Temperature Outside	5	10.3	
Which One Doesn't Belong: Four Graphs	5	11.1	

Which Model?	5	11.2	
Growth of a Small Business	5	11.3	
Math Talk: Evaluating a Function	5	12.1	
Bank Accounts	5	12.2	
Build a New Function	5	12.3	
Which One Doesn't Belong?: Representations of Functions	5	13.1	
Interrogating Function Representations	5	13.2	
Matching Representations of Exponential Functions	5	13.3	
Visualizing Percent Change	5	14.1	
Computing Percent Change Efficiently	5	14.2	
Rewriting Expressions	5	14.3	
Math Talk: Rewriting Expressions	5	15.1	
Your New Score	5	15.2	
Bad Assumptions	5	15.3	
The Phone for the Lowest Price	5	16.1	
Two Saving Methods	5	16.2	
Wild Sales	5	16.3	
Finding Equal Expressions	5	17.1	
How Many Times Per Year?	5	17.2	
Your Problems Are Compounded	5	17.3	
Math Talk: Different Bases	5	18.1	
What's the Factor?	5	18.2	
Rewriting Expressions	5	18.3	
Enough with the Zooming Already	5	19.1	
How to Lie with Graphing Windows	5	19.2	
Renting a Car	5	19.3	
Finding Slopes	5	20.1	
Incrementing by One	5	20.2	
Rewriting Expressions	5	20.3	
Which One Doesn't Belong: Lists	5	21.1	
Holy Agave!	5	21.2	

Let's Model Some Stuff	5	21.3	
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ALGEBRA 1 SUPPORT Unit 6

Which One Doesn't Belong: Quadrilaterals	6	1.1	
Inspect Some Rectangles	6	1.2	
Inspect Some Tables	6	1.3	
Continue the Pattern	6	2.1	
Patterns of Sticks	6	2.2	
Patterns of Dots	6	2.3	
Math Talk: Many Ways to Area	6	3.1	
Representing Areas	6	3.2	
Areas of Rectangles	6	3.3	
Math Talk: Exponents	6	4.1	
Evaluating and Describing Functions	6	4.2	
Evaluating Exponential and Quadratic Expressions	6	4.3	
Saving Up	6	5.1	
A Walk to the Park, or a Walk Away from Home?	6	5.2	
Walking to School	6	5.3	
Notice and Wonder: The Draining Tank	6	6.1	
Identifying Important Points	6	6.2	
Three Situations	6	6.3	
Possible Rectangles	6	7.1	
Which Graph Represents It the Best?	6	7.2	
Refining the Representation	6	7.3	
Ways to Express the Area	6	8.1	
Multiplying Two-Digit Numbers and the Distributive Property	6	8.2	
Using the Distributive Property to Write Equivalent Expressions	6	8.3	
Sorting Expressions	6	9.1	
Expanded Form	6	9.2	

Factoring and Expanding	6	9.3	
Notice and Wonder: Features of Graphs	6	10.1	
Making Connections	6	10.2	
Connecting Equations and Graphs	6	10.3	
Which Output is 0?	6	11.1	
Intercept Detective	6	11.2	
Making More Connections	6	11.3	
Math Talk: A Negative Input	6	12.1	
Equations and Their Graphs	6	12.2	
Match the Graphs	6	12.3	
Notice and Wonder: The Arrow	6	14.1	
Three Objects	6	14.2	
Comparing Two Situations with Different Representations	6	14.3	
Which One Doesn't Belong: Four Graphs	6	15.1	
Shift That Line Around	6	15.2	
Finding Equivalent Expressions	6	15.3	
Math Talk: When x^2 Is -7	6	16.1	
Four Functions	6	16.2	
Four More Functions	6	16.3	
Which One Doesn't Belong: Triangles	6	17.1	
Describe the Change	6	17.2	
Select a Function	6	17.3	

ALGEBRA 1 SUPPORT Unit 7

Estimation: Tennis Area	7	1.1	
Pool Walkway	7	1.2	
Painting the Walls	7	1.3	
The Word List	7	2.1	
Seeing Solutions	7	2.2	
Understanding Solutions in Situations	7	2.3	
Math Talk: Squaring Values	7	3.1	
Squares with Squares	7	3.2	
Matching Solutions and Equations	7	3.3	
Math Talk: Equations with Zero	7	4.1	
Evaluating Quadratic Equations	7	4.2	
Card Sort: Matching Equation Forms	7	4.3	
Explaining Equivalent Expressions	7	5.1	
Checking Work	7	5.2	
Row Game: Rewriting Equations	7	5.3	
An Area Puzzle	7	6.1	
Framing Photos	7	6.2	
Solving Number Riddles	7	6.3	
Math Talk: Missing Values	7	7.1	
Finding Pairs that Work	7	7.2	
Factor Expansion	7	7.3	
Math Talk: Combining the Similar Numbers	7	8.1	
A Method for Multiplying	7	8.2	
Find the Missing Pieces	7	8.3	
More Equivalent Equations	7	9.1	
Finding Solutions and Functions	7	9.2	
Card Sort: Matching Equations	7	9.3	
Which One Doesn't Belong: Factored Quadratics	7	10.1	
Finding Solutions by Graphing	7	10.2	

Matching More Factored Expressions	7	10.3	
Finding Perfect Squares	7	11.1	
Solving Perfect Square Equations	7	11.2	
Row Game: Making Expressions Simpler	7	11.3	
Math Talk: Quadratics into Standard Form	7	12.1	
Matching Perfect Squares	7	12.2	
Examining the Matches	7	12.3	
Math Talk: Halved and Squared	7	13.1	
Solving Quadratics with Perfect Squares	7	13.2	
Make It a Perfect Square	7	13.3	
Writing Quadratics in Standard Form	7	14.1	
Practice Writing Expressions in Standard Form	7	14.2	
Find the Values	7	14.3	
Finding a Home for Irrational Numbers	7	15.1	
Solving for Missing Sides	7	15.2	
Solving with Square Roots	7	15.3	
Order of Operations and Roots	7	16.1	
Finding Coefficients	7	16.2	
Practicing Methods for Solving Quadratic Equations	7	16.3	
Area Between Triangles	7	17.1	
Getting the Ball Off the Roof	7	17.2	
Kicking the Field Goal	7	17.3	
Math Talk: Operations with Roots	7	18.1	
Checking Brother's Work	7	18.2	
Steps to Using the Quadratic Formula	7	18.3	
Quadratic Error	7	19.1	
Multiplying to Make Perfect Squares	7	19.2	
Stepping Through Completing the Square	7	19.3	
Where is $\sqrt{21}$?	7	20.1	
Some Rational Properties	7	20.2	
Approximating Irrational Values	7	20.3	

Math Talk: Evens and Odds	7	21.1	
Always Even, Never Odd	7	21.2	
Even + Odd = Odd	7	21.3	
Matching Quadratic Graphs	7	22.1	
Features of a Quadratic Graph	7	22.2	
What Do You Know?	7	22.3	
Math Talk: Evaluating Functions	7	23.1	
Comparing Functions	7	23.2	
Finding the Vertex	7	23.3	
Growing Plants	7	24.1	
Diego's Plant	7	24.2	
Making the Grades	7	24.3	