ALGEBRA 2	Unit 1	Unit Dependency: A1.5
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What's Next?	1	1.1	
The Tower of Hanoi	1	1.2	
Checker Jumping Puzzle	1	1.3	
Next?	1	1.4	
Notice and Wonder: A Pattern in Lists	1	2.1	
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Complete the Sequence	1	2.3	
A Possible Geometric Sequence	1	2.4	
Remembering Function Notation	1	3.1	
Three Sequences	1	3.2	
Representing a Sequence	1	3.3	
Do What's Next	1	3.4	
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Fill Down	1	4.2	
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Bowling for Triangles (Part 2)	1	5.2	
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Define This Sequence	1	5.4	
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Take the Cake!	1	9.2	

Fibonacci Squares	1	9.3	
Ow, My Jaw	1	9.4	
Describing Growth	1	10.1	
Finding Population Patterns	1	10.2	
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Two Bacteria Populations	1	10.4	
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Building the Biggest Box	2	1.3	
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Which One Doesn't Belong: What are Polynomials?	2	3.1	
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Identifying Features	2	3.4	
Notice and Wonder: What Can Happen to Integers	2	4.1	
Experimenting with Integers	2	4.2	
Experimenting with Polynomials	2	4.3	
Mind the Gaps	2	4.4	
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Using Diagrams to Multiply	2	6.3	
Spot the Differences	2	6.4	
Identifying Polynomial Features	2	6.5	
More Than Factors	2	7.1	
Choosing Windows	2	7.2	
What's the Equation?	2	7.3	
A Possible Polynomial Equation	2	7.4	
Notice and Wonder: A Different View	2	8.1	
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Two Polynomial Equations	2	8.3	
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Identifying End Behavior	2	8.4	
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What Happens When You Square Each Side?		7.4	
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	What's Missing?	3	15.1
How Do You Know? 3 15.3	Info Gap: What Was Multiplied?	3	15.2
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Different Ways to Solve It	3	16.2	
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Oh, and Solve These Ones Too	3	16.4	
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Can You See the Solutions on a Graph?	3	17.4	
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Notice and Wonder: Where Is It 0?	3	19.1	
Real or Not?	3	19.2	
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Assessment			

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Bank Accounts	4	1.1
Shrinking a Passport Photo	4	1.2
Pond in a Park	4	1.3
Folding into Thirds	4	1.4
One Fourth at a Time	4	2.1
Climbing Cost	4	2.2
Two Vans and Their Values	4	2.3
Flu Outbreak	4	2.4
Keeping Equations True	4	3.1
Florida in the 1800's	4	3.2
Disappearing Medicine	4	3.3
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Math Talk: Unknown Exponents	4	4.1
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\$(1 + \text{tiny})^{\text{huge}}\$	4	12.3
What Did You Learn about \$e\$?	4	12.4
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Which One Doesn't Belong: Functions	4	17.1
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Another Logarithmic Function	4	17.3
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Which Craph Penrocents Which Function?	1	17.4	
Which Graph Represents Which Function?			
Scrambled Logs	4	18.1	
How Acidic Is It?	4	18.2	
pH Ratings	4	18.3	
Measuring Earthquake Strength	4	18.4	
Apple Juice and Cleaning Solution	4	18.5	
Assessment			

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Notice and Wonder: Cooling Down	5	1.1	
Which Function?	5	1.2	
What Happened to the Graph?	5	1.3	
Translating Two Ways	5	1.4	
What Happened to the Equation?	5	2.1	
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Heating the Kitchen	5	2.3	
What Did You Do to My Graph?	5	2.4	
Moving a Graph	5	3.1	
New Hours for the Kitchen	5	3.2	
Thawing Meat	5	3.3	
Translate This	5	3.4	
Notice and Wonder: Reflections	5	4.1	
Reflecting Across	5	4.2	
Reflecting Across a Different Way	5	4.3	
Two Reflections	5	4.4	
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Card Sort: Two Types of Coordinates	5	5.3	
Even or Odd?	5	5.4	
Notice and Wonder: Same and Different	5	6.1	
Finish the Graph	5	6.2	
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Describing Translations	5	7.1	
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The Hulme Arch Bridge	5	8.2	
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A Perfect Fit	5	8.4	
Out and Back	5	9.1	
A New Set of Wheels	5	9.2	

The Many Transformations of a Function \$P\$	5	9.3	
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The Right Scale	5	9.4	
Notice and Wonder: Are Book Sales Improving?	5	10.1	
How Many Books Can One Person Have?	5	10.2	
Adding Functions	5	10.3	
Graphing the Difference	5	10.4	
What Function Could It Be?	5	11.1	
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Assessment			

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Around and Around	6	1.2	
Where is the Point?	6	1.3	
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Circle	6	4.1	
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Angle Coordinates Galore	6	4.3	
What are the Circle Coordinates?	6	4.4	
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Andre's Calculations	6	6.2	
Card Sort: Where's the Point?	6	6.3	
\$\sin(\theta)\$ and a Quadrant	6	6.4	
Notice and Wonder: Big and Small	6	7.1	
Clock Coordinates	6	7.2	
Around a Ferris Wheel	6	7.3	
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What is Happening?	6	8.2	
Card Sort: Graphs of Functions	6	8.3	
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Do the Wave 6 9.2 Graphs of Cosine and Sine 6 9.3 Which Wave is It? 6 9.4 All the Way Around 6 10.1 Going Around and Around and Around 6 10.2 Back to Where We Started 6 10.3 Turn it Around 6 10.4 Rewind to the Windmill 6 11.1 Math Talk: The Hour Hand 6 11.2 The Big Picture for Cosine and Sine 6 11.3 Cosine and Sine Together 6 11.4 Turn it Around Again 6 11.5 Notice and Wonder: An Unusual Function 6 12.1 A Tangent Ratio 6 12.2 The Tangent Function 6 12.2 Mid-Unit Assessment 6 13.1 Blowing in the Wind			
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Notice and Wonder: An Unusual Function 6 12.1 A Tangent Ratio 6 12.2 The Tangent Function 6 12.3 The Graph of Tangent 6 12.4 Mid-Unit Assessment Comparing Parabolas 6 13.1 Blowing in the Wind 6 13.2 Up, Up, and Away 6 13.3 Transforming a Sine Graph 6 13.4 Translated Parabolas 6 14.1 Windmills Everywhere 6 14.2 Spinning Fan 6 14.3 Translating and Stretching 6 14.4 Notice and Wonder: Musical Notes 6 15.1 Equations and Graphs 6 15.2 Double the Sine 7 15.3 To the left, to the right 6 15.4 Which One Doesn't Belong: Graph Periods 6 16.1 Any Period 6 16.2 Around the World's Largest Ferris Wheel 6 16.3 Turn, Turn, Turn 6 16.4 Three Functions 6 17.1 Info Gap: What's the Transformation? 6 17.2	Cosine and Sine Together	6	11.4
A Tangent Ratio The Tangent Function 6 12.3 The Graph of Tangent 6 12.4 Mid-Unit Assessment Comparing Parabolas Blowing in the Wind Up, Up, and Away 6 13.3 Transforming a Sine Graph 6 14.1 Windmills Everywhere 6 14.2 Spinning Fan 6 14.3 Translating and Stretching Notice and Wonder: Musical Notes Equations and Graphs 6 15.1 Equations and Graphs 6 15.2 Double the Sine 6 15.3 To the left, to the right Which One Doesn't Belong: Graph Periods Any Period Around the World's Largest Ferris Wheel Three Functions Info Gap: What's the Transformation? 6 17.2	Turn it Around Again	6	11.5
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The Graph of Tangent Mid-Unit Assessment Comparing Parabolas Blowing in the Wind Up, Up, and Away Transforming a Sine Graph Translated Parabolas Windmills Everywhere Spinning Fan Translating and Stretching Notice and Wonder: Musical Notes Equations and Graphs To the left, to the right Which One Doesn't Belong: Graph Periods Any Period Around the World's Largest Ferris Wheel Three Functions Info Gap: What's the Transformation? 6 13.1 6 13.2 13.4	A Tangent Ratio	6	12.2
Mid-Unit Assessment Comparing Parabolas Blowing in the Wind Up, Up, and Away Transforming a Sine Graph Translated Parabolas Windmills Everywhere Spinning Fan Translating and Stretching Notice and Wonder: Musical Notes Equations and Graphs To the left, to the right Which One Doesn't Belong: Graph Periods Around the World's Largest Ferris Wheel Three Functions Info Gap: What's the Transformation? 6 13.1 13.2 13.3 13.4 13.4 13.4 13.4 14.1 14.1 15.2 16.1 16.1 16.2 17.2	The Tangent Function	6	12.3
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Transforming a Sine Graph Translated Parabolas 6 14.1 Windmills Everywhere 6 14.2 Spinning Fan 6 14.3 Translating and Stretching 6 14.4 Notice and Wonder: Musical Notes 6 15.1 Equations and Graphs 6 15.2 Double the Sine 6 15.3 To the left, to the right Which One Doesn't Belong: Graph Periods Any Period Around the World's Largest Ferris Wheel Turn, Turn, Turn 6 16.4 Three Functions Info Gap: What's the Transformation? 6 14.1 14.2 14.3 14.4 15.1 16.1 16.1 16.1 16.2 16.3 16.4 17.1 17.1 18.1 18.2	Blowing in the Wind	6	13.2
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Windmills Everywhere 6 14.2 Spinning Fan 6 14.3 Translating and Stretching 6 14.4 Notice and Wonder: Musical Notes 6 15.1 Equations and Graphs 6 15.2 Double the Sine 6 15.3 To the left, to the right 6 15.4 Which One Doesn't Belong: Graph Periods 6 16.1 Any Period 6 16.2 Around the World's Largest Ferris Wheel 6 16.3 Turn, Turn, Turn 6 16.4 Three Functions 6 17.1 Info Gap: What's the Transformation? 6 17.2	Transforming a Sine Graph	6	13.4
Spinning Fan 6 14.3 Translating and Stretching 6 14.4 Notice and Wonder: Musical Notes 6 15.1 Equations and Graphs 6 15.2 Double the Sine 6 15.3 To the left, to the right 6 15.4 Which One Doesn't Belong: Graph Periods 6 16.1 Any Period 6 16.2 Around the World's Largest Ferris Wheel 6 16.3 Turn, Turn, Turn 6 16.4 Three Functions 6 17.1 Info Gap: What's the Transformation? 6 17.2	Translated Parabolas	6	14.1
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Equations and Graphs 6 15.2 Double the Sine 6 15.3 To the left, to the right 6 15.4 Which One Doesn't Belong: Graph Periods 6 16.1 Any Period 6 16.2 Around the World's Largest Ferris Wheel 6 16.3 Turn, Turn, Turn 6 16.4 Three Functions 6 17.1 Info Gap: What's the Transformation? 6 17.2	Translating and Stretching	6	14.4
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To the left, to the right 6 15.4 Which One Doesn't Belong: Graph Periods 6 16.1 Any Period 6 16.2 Around the World's Largest Ferris Wheel 6 16.3 Turn, Turn, Turn 6 16.4 Three Functions 6 17.1 Info Gap: What's the Transformation? 6 17.2	Equations and Graphs	6	15.2
Which One Doesn't Belong: Graph Periods 6 16.1 Any Period 6 16.2 Around the World's Largest Ferris Wheel 6 16.3 Turn, Turn, Turn 6 16.4 Three Functions 6 17.1 Info Gap: What's the Transformation? 6 17.2	Double the Sine	6	15.3
Any Period 6 16.2 Around the World's Largest Ferris Wheel 6 16.3 Turn, Turn, Turn 6 16.4 Three Functions 6 17.1 Info Gap: What's the Transformation? 6 17.2	To the left, to the right	6	15.4
Around the World's Largest Ferris Wheel 6 16.3 Turn, Turn, Turn 6 16.4 Three Functions 6 17.1 Info Gap: What's the Transformation? 6 17.2	Which One Doesn't Belong: Graph Periods	6	16.1
Turn, Turn, Turn 6 16.4 Three Functions 6 17.1 Info Gap: What's the Transformation? 6 17.2	Any Period	6	16.2
Three Functions 6 17.1 Info Gap: What's the Transformation? 6 17.2	Around the World's Largest Ferris Wheel	6	16.3
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· · · · · · · · · · · · · · · · · · ·	Three Functions	6	17.1
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Assessment			

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