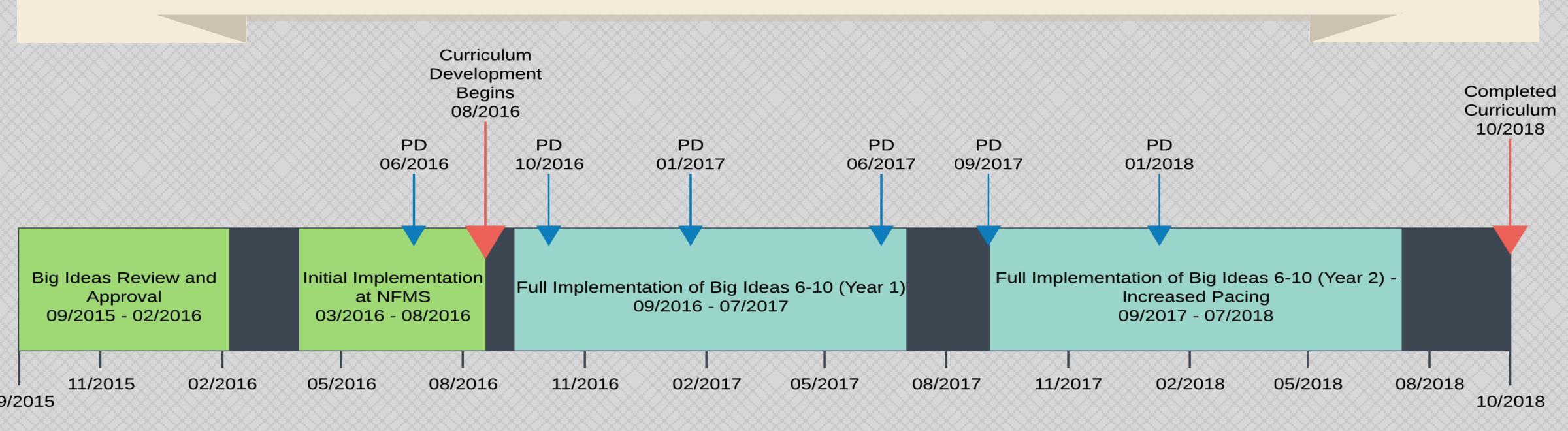
Secondary Mathematics Curriculum Update

August 27, 2018

Implementation Timeline

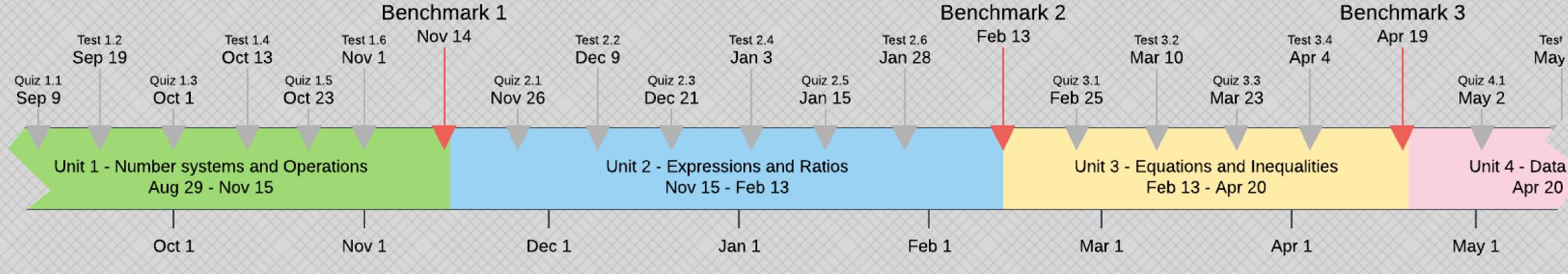


Curriculum Components

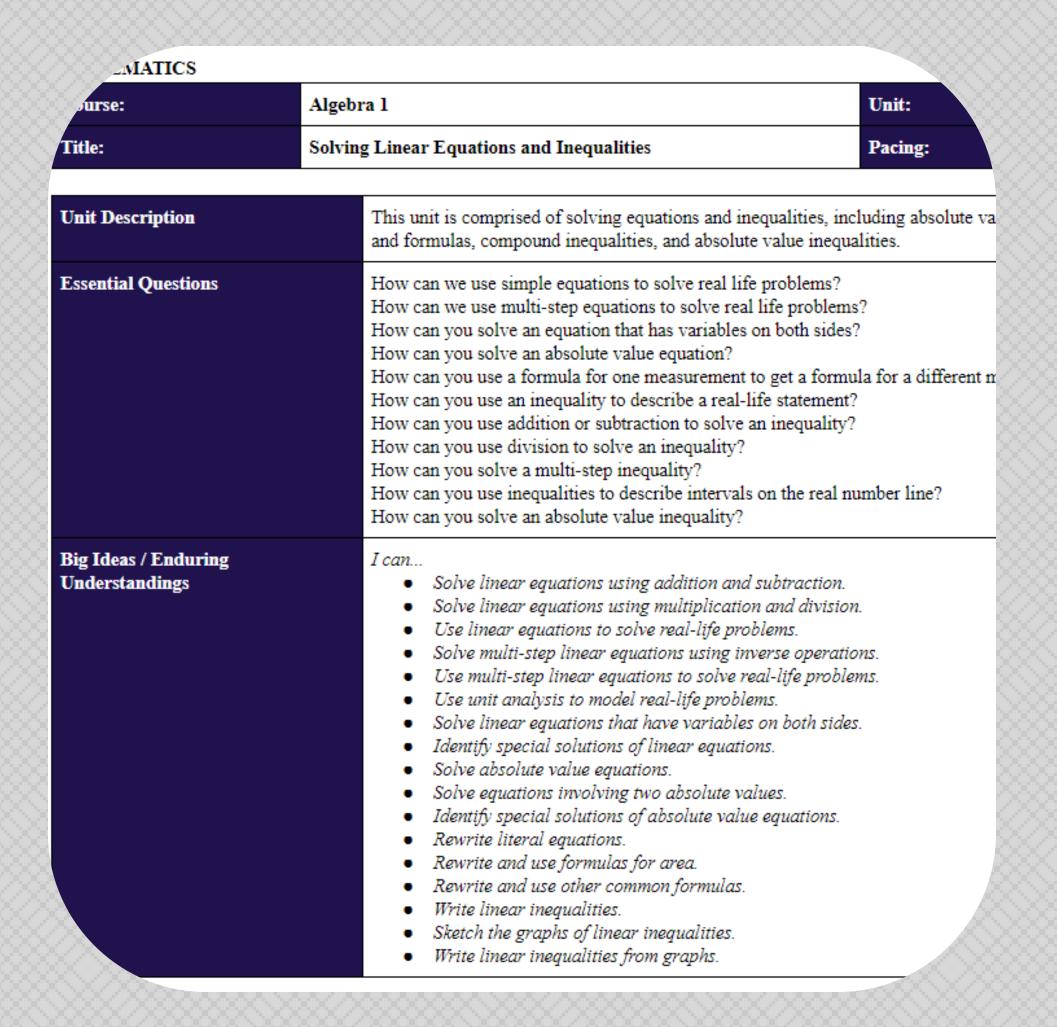
Pacing Guides

Content	Timeframe ¹
Unit 1 - Number System and Operations	6.5 Weeks (16 Blocks)
Integers (6.1) and Comparing and Ordering Integers (6.2)	½ Block
Fractions and Decimals on the Number Line (6.3)	½ Block
Quiz 1.1 (6.1-6.3)	½ Block
A 11 X 7-1 (C. 1)	1/ D11-

Course and Assessment Timelines



Detailed Unit Documents



qualities (2.1)	 Write linear inequalities. Sketch the graphs of linear inequalities. Write linear inequalities from graphs. 	inequality to describe a real-life statement?	
Solving Inequalities Using Addition or Subtraction (2.2)	I can 1. Solve inequalities using addition. 2. Solve inequalities using subtraction. 3. Use inequalities to solve real-life problems.	How can you use addition or subtraction to solve an inequality?	H.
Solving Inequalities Using Multiplication or Division (2.3)	I can 1. Solve inequalities by multiplying or dividing by positive numbers. 2. Solve inequalities by multiplying or dividing by negative numbers. 3. Use inequalities to solve real-life problems.	How can you use division to solve an inequality?	H
Solving Multi-Step Inequalities (2.4)	I can 1. Solve multi-step inequalities. 2. Use multi-step inequalities to solve real-life problems.	How can you solve a multi-step inequality?	H.

1.3 (2.1-2.4)

Assessments and Performance Tasks

me____ Grade

Benchmark 1

1. Which inequality is represented by the graph show



C.

В.

)

2. Which of the following decimals is equivalent to

Α. .

С.

В.

D. **1**

GRIDDED RESPONSE: Two inequalities are

Amusement Park

ws the portions of time you spent on several activities during a day ent park.

	Portion of your time
Going on rides	$\frac{1}{6}$
Waiting in line for rides	$\frac{3}{10}$
Playing games	$\frac{1}{12}$
Swimming in wave pool	$\frac{3}{10}$

times more is the portion of time spent going on rides than the spent playing games? Justify your answer.

Middle School Units

	Grade 6 Academic	Grade 6 Advanced 1	Grade 7 Academic	Grade 7 Advanced 2	Grade 7 Accelerated	Grade 8 Academic	Grade 8 Algebra 1
Unit 1	Number Systems and Operations	Number Systems and Operations	Real Numbers	Equations and Inequalities	Operations with Integers and Rational Numbers	Equations	Linear Equations
Unit 2	Expressions and Ratios	algebraic Expressions and Applications	Pre-Algebra	Geometry	Pre-Algebra	Geometric Transformations	Linear Inequalities
Unit 3	Equations and Inequalities	Equations and Inequalities	Ratios, Proporitions, and Percents	Transformations and Congruence	Ratios, Proportions, and Percents	Linear Equations and Functions	Systems of Linear Equations
Unit 4	Data and Statistics	Data and Statistics	Geometry	Linear Equations and Functions	Geometry	Statistics	Linear and Exponential Functions
Unit 5		Proportions and Percents	Probability and Statistics	Pythagorean Theorem and Applications	Surface Area and Volume	Systems of Linear Equations	Square Roots and the Pythagorean Theorem
Unit 6		Real Numbers		Probability and Statistics	Probability and Statistics	The Pythagorean Theorem and Geometry	Polynomials and Quadratic Functions
Unit 7		Expressions and Equations		Exponents and Scientific Notation	Transformations and Congruence	Exponents and Scientific Notation	Data Analysis and Displays
Unit 8					Graphing and Writing Linear Equations	Lines, Angles, and Triangles	Rational Equations and Functions
Unit 9					Roots, Exponents, and the Pythagorean Theorem		

High School Units

	Algebra 1	Geometry	Algebra 2	
Unit 1	Solving Linear Equations and Inequalities	Geometry Basics and Proofs	Function Transformations	
Unit 2	Linear Functions	Lines and Transformations	Quadratic Functions	
Unit 3	Data and Statistics	Triangles	Polynomial Functions	
Unit 4	Solving Systems of Linear Equations	Quadrilaterals and Other Polygons	Radical and Logarithmic Functions	
Unit 5	Unit 5 Polynomial Equations and Factoring Simi		Statistics and Probability	
Unit 6	Graphing and Solving Quadratic Functions	Circles and Measurement	Rational and Recursive Functions	
Unit 7	Exponential and Radical Functions			