

6th Grade



The big ideas of what students must learn

- Ratios and rates
- Value of positive and negative numbers
- Write and solve 1 step equations and inequalities

Priority Standards

6.RP.1 Understand the concept of a ratio and use ratio language to describe a ratio relationship between two quantities.

6.RP.2 Understand the concept of a unit rate, and use rate language in the context of a ratio relationship.

6.RP.3 Use ratio and rate reasoning to solve real-world and mathematical problems.

6.NS.1 Interpret and compute quotients of fractions, and solve word problems involving division of fractions by fractions

6.NS.5 Use positive and negative numbers to represent quantities in real-world contexts

6.NS.6 Represent points on the line and in the plane with negative number coordinates.

6.NS.7 Understand ordering and absolute value of rational numbers.

6.NS.8 Solve real-world and mathematical problems by graphing points in all four quadrants of the coordinate plane.

6.EE.1 Write and evaluate numerical expressions involving whole-number exponents.

6.EE.2 Write, read, and evaluate expressions in which letters stand for numbers.

6.EE.3, 4 Apply the properties of operations to generate and identify equivalent expressions.

6.EE.5 Understand solving an equation or inequality. Use substitution to determine whether a given number in a specified set makes an equation or inequality true.

6.EE.6 Use variables to represent numbers and write expressions when solving a real-world or mathematical problem.

6.EE.7 Solve real-world and mathematical problems by writing and solving equations of the form $x + p = q$ and $px = q$.

6.EE.8 Write an inequality of the form $x > c$ or $x < c$ to represent a constraint or condition in a real-world; represent solutions of such inequalities on number line diagrams.

6.EE.9 Use variables to represent two quantities in a real-world problem that change in relationship to one another; write an equation to express one quantity.



6th Grade Eureka Math Priorities

Suggested Planning

Modules 2-3

Module 2

Priorities Topic A has priority standards, but Topics B-D are NOT a priority
Skip Topic D and Assessment NS.4

Week 1 Lesson 9 (assuming already completed with Topic A)
Lesson 10
Lesson 11

Week 2 Lesson 12
Lesson 13
Combine Lessons 14 & 15 Assessments NS.2 & NS.3

Module 3

Priorities NS Standards are all a priority
Skip extension lessons 8, 17, 19

Week 1 Lesson 1
Combine Lessons 2 & 3
Lesson 4

Week 2 Lesson 5
Lesson 6 Assessment NS.5
Lesson 7

Week 3 Lesson 9
Lesson 10
Lesson 11

Week 4 Lesson 12
Lesson 13
Assessment NS.7

Week 5 Combine Lessons 14 & 15
Lesson 16
Lesson 18 Assessment NS.6 & NS.8



6th Grade Eureka Math Priorities

Suggested Planning - Module 4

Module 4 Expressions and Equations	
Priorities	All EE standards are a grade level priority Combine Lessons: 1/2, 3/5, 7/8, 19-22, 23/24, 25/26, 33/34 Skip Lesson: 4 Teacher Notes
Week 1	Combine Lesson 1 & 2 Combine Lesson 3 & 5 Lesson 6 Assessment EE.1
Week 2	Combine Lesson 7 & 8 Lesson 9 Lesson 10
Week 3	Lesson 11 Lesson 12 Lesson 13
Week 4	Lesson 14 Lesson 15 Lesson 16 (see notes to add content from 19-22) Assessment EE.3,4
Week 5	Lesson 17 (see notes to add content from 19-22) Lesson 18 Combine Lessons 19-22 (Review) Assessment EE.2
Week 6	Combine Lesson 23 & 24 Combine Lesson 25 & 26 Lesson 27
Week 7	Lesson 28 Lesson 29 Lesson 30
Week 8	Lesson 31 Lesson 32 Combine Lesson 33 & 34 Assessments EE.5-9



6th Grade Eureka Math Priorities

Suggested Planning - Module 5

Module 5 Area, Surface Area, and Volume Problems	
Priorities	All G Standards are NOT a grade level priority Skip Lessons: 7-9, 15 Skip Assessment G.3 Teacher Notes
Week 1	Lesson 1 Lesson 2 Lesson 3
Week 2	Lesson 4 Lesson 5 Lesson 6 Assessment G.1
Week 3	Lesson 10 Lesson 11 Lesson 12
Week 4	Lesson 13 Lesson 14 Lesson 16
Week 5	Lesson 17 Lesson 18 Lesson 19
Week 6	Lesson 19a/20 Assessments G2 and G4



6th Grade Eureka Math Priorities

Suggested Planning - Module 6

Module 6 Statistics	
Priorities	All SP standards are NOT a grade level priority Reduce the time spent making and calculating data displays by hand Combine Lessons: 6 & 7 Skip Lessons: 11, 17-22 Teacher Notes
Week 1	Lesson 1 Lesson 2 Lesson 3
Week 2	Lesson 4 Lesson 5 Lesson 6 & 7
Week 3	Lesson 8 Lesson 9 Lesson 10
Week 4	Lesson 12 Lesson 13 Lesson 14
Week 5	Lesson 15 Lesson 16 Assessments SP 1-5