Engage NY Modules

Sequence of Kindergarten Modules Aligned with the Standards

Module 1: Numbers to 10
Module 2: Two-Dimensional and Three-Dimensional Shapes
Module 3: Comparison of Length, Weight, Capacity, and Numbers to 10
Module 4: Number Pairs, Addition and Subtraction to 10
Module 5: Numbers 10–20 and Counting to 100
Module 6: Analyzing, Comparing, and Composing Shapes

Sequence of Grade 1 Modules Aligned with the Standards

Module 1: Sums and Differences to 10
Module 2: Introduction to Place Value Through Addition and Subtraction Within 20
Module 3: Ordering and Comparing Length Measurements as Numbers
Module 4: Place Value, Comparison, Addition and Subtraction to 40
Module 5: Identifying, Composing, and Partitioning Shapes
Module 6: Place Value, Comparison, Addition and Subtraction to 100

Sequence of Grade 2 Modules Aligned with the Standards

Module 1: Sums and Differences to 20
Module 2: Addition and Subtraction of Length Units
Module 3: Place Value, Counting, and Comparison of Numbers to 1000
Module 4: Addition and Subtraction Within 200 with Word Problems to 100
Module 5: Addition and Subtraction Within 1000 with Word Problems to 100
Module 6: Foundations of Multiplication and Division
Module 7: Problem Solving with Length, Money, and Data
Module 8: Time, Shapes, and Fractions as Equal Parts of Shapes

Sequence of Grade 3 Modules Aligned with the Standards

Module 1: Properties of Multiplication and Division and Solving Problems with Units of 2–5 and 10
Module 2: Place Value and Problem Solving with Units of Measure
Module 3: Multiplication and Division with Units of 0, 1, 6–9, and Multiples of 10
Module 4: Multiplication and Area
Module 5: Fractions as Numbers on the Number Line
Module 6: Collecting and Displaying Data
Module 7: Geometry and Measurement Word Problems

Sequence of Grade 4 Modules Aligned with the Standards

Module 1: Place Value, Rounding, and Algorithms for Addition and Subtraction
Module 2: Unit Conversions and Problem Solving with Metric Measurement
Module 3: Multi-Digit Multiplication and Division
Module 4: Angle Measure and Plane Figures
Module 5: Fraction Equivalence, Ordering, and Operations
Module 6: Decimal Fractions
Module 7: Exploring Multiplication

Sequence of Grade 5 Modules Aligned with the Standards

Module 1: Place Value and Decimal Fractions
Module 2: Multi-Digit Whole Number and Decimal Fraction Operations
Module 3: Addition and Subtraction of Fractions
Module 4: Multiplication and Division of Fractions and Decimal Fractions
Module 5: Addition and Multiplication with Volume and Area
Module 6: Problem Solving with the Coordinate Plane

Sequence of Grade 6 Modules Aligned with the Standards

Module 1: Ratios and Unit Rates
Module 2: Arithmetic Operations Including Dividing by a Fraction
Module 3: Rational Numbers
Module 4: Expressions and Equations
Module 5: Area, Surface Area, and Volume Problems
Module 6: Statistics

Sequence of Grade 7 Modules Aligned with the Standards

Module 1: Ratios and Proportional Relationships
Module 2: Rational Numbers
Module 3: Expressions and Equations
Module 4: Percent and Proportional Relationships
Module 5: Statistics and Probability
Module 6: Geometry

Sequence of Grade 8 Modules Aligned with the Standards

Module 1: Integer Exponents and Scientific Notation
Module 2: The Concept of Congruence
Module 3: Similarity
Module 4: Linear Equations
Module 5: Examples of Functions from Geometry
Module 6: Linear Functions
Module 7: Introduction to Irrational Numbers Using Geometry

Sequence of Algebra I Modules Aligned with the Standards

Module 1: Relationships Between Quantities and Reasoning with Equations and Their Graphs
Module 2: Descriptive Statistics
Module 3: Linear and Exponential Functions
Module 4: Polynomial and Quadratic Expressions, Equations and Functions
Module 5: A Synthesis of Modeling with Equations and Functions

Sequence of Geometry Modules Aligned with the Standards

Module 1: Congruence, Proof, and Constructions
Module 2: Similarity, Proof, and Trigonometry
Module 3: Extending to Three Dimensions
Module 4: Connecting Algebra and Geometry through Coordinates
Module 5: Circles with and Without Coordinates

Sequence of Algebra II Modules Aligned with the Standards

Module 1: Polynomial, Rational, and Radical Relationships
Module 2: Trigonometric Functions
Module 3: Functions
Module 4: Inferences and Conclusions from Data

Sequence of Precalculus Modules Aligned with the Standards

Module 1: Complex Numbers and Transformations
Module 2: Vectors and Matrices
Module 3: Rational and Exponential Functions
Module 4: Trigonometry
Module 5: Probability and Statistics