

enVision Mathematics

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to

Connecticut Model Curricula Alignment for Mathematics

Grade 6

Connecticut Model Curricula Alignment for Mathematics
Resource Name: *enVision® Mathematics* Grade 6, ©2024

Alignment Grade 6

Model Unit Name	Model Unit Standards	Resource Unit(s) Number	Resources Lessons	Pacing
<i>This is the title of the unit in the model curricula</i>	<i>These are the standards addressed in the unit</i>	<i>This is the unit(s) that aligns with the model unit from the resource</i>	<i>These are the lessons from the identified units that align to the standards within the model unit</i>	<i>This is the expected number of days for instruction</i>
Operating with Positive Rational Numbers	6.NS.A.1, 6.NS.B.2, 6.NS.B.3, 6.NS.B.4, 6.G.A.2	Topic 1 Use Positive Rational Numbers Topic 3 Numeric and Algebraic Expressions Topic 7 Solve Area, Surface Area, and Volume Problems	Lesson 1-1 – 6.NS.B.3 Lesson 1-2 – 6.NS.B.2 6.NS.B.3 Lesson 1-3 – Prepares for 6.NS.A.1 Lesson 1-4 – 6.NS.A.1 Lesson 1-5 – 6.NS.A.1 Lesson 1-6 – 6.NS.A.1 Lesson 1-7 – 6.NS.A.1 Lesson 3-2 – 6.NS.B.4 Lesson 7-8 – 6.G.A.2	18 Days
Understanding Positive and Negative Numbers	6.NS.C.5, 6.NS.C.6, 6.NS.C.7, 6.NS.C.8	Topic 2 Integers and Rational Numbers	Lesson 2-1 – 6.NS.C.5 6.NS.C.6 Lesson 2-2 – 6.NS.C.6 6.NS.C.7 Lesson 2-3 – 6.NS.C.7 Lesson 2-4 – 6.NS.C.6 Lesson 2-5 – 6.NS.C.8 Lesson 2-6 – 6.NS.C.8	12 Days

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Using Expressions and Equations	6.EE.A.1, 6.EE.A.2, 6.EE.A.3, 6.EE.A.4, 6.EE.B.5, 6.EE.B.6, 6.EE.B.7, 6.EE.B.8	Topic 3 Numeric and Algebraic Expressions Topic 4 Represent and Solve Equations and Inequalities	Lesson 3-1 – 6.EE.A.1 Lesson 3-3 – 6.EE.A.1 6.EE.A.3 Lesson 3-4 – 6.EE.A.2 6.EE.B.6 Lesson 3-5 – 6.EE.A.2 6.EE.B.6 Lesson 3-6 – 6.EE.A.3 6.EE.A.4 Lesson 3-7 – 6.EE.A.3 6.EE.A.4 Lesson 4-1 – 6.EE.B.5 Lesson 4-2 – 6.EE.A.4 6.EE.B.7 Lesson 4-3 – 6.EE.B.6 6.EE.B.7 Lesson 4-4 – 6.EE.B.6 6.EE.B.7 Lesson 4-5 – 6.EE.B.6 6.EE.B.7 Lesson 4-6 – 6.EE.B.5 6.EE.B.8 Lesson 4-7 – 6.EE.B.5 6.EE.B.8	26 Days

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Applications of Geometry	6.G.A.1, 6.G.A.3, 6.G.A.4	Topic 7 Solve Area, Surface Area, and Volume Problems	Lesson 7-1 – 6.G.A.1 Lesson 7-2 – 6.G.A.1 Lesson 7-3 – 6.G.A.1 Lesson 7-4 – 6.G.A.1 6.G.A.3 Lesson 7-5 – 6.G.A.4 Lesson 7-6 – 6.G.A.4 Lesson 7-7 – 6.G.A.4 Lesson 7-8 – 6.G.A.4	16 Days
Ratios and Rates	6.RP.A.1, 6.RP.A.2, 6.RP.A.3	Topic 5 Understand and Use Ratio and Rate	Lesson 5-1 – 6.RP.A.1 6.RP.A.3 Lesson 5-2 – 6.RP.A.3 Lesson 5-3 – 6.RP.A.3 Lesson 5-4 – 6.RP.A.3 Lesson 5-5 – 6.RP.A.2 6.RP.A.3 Lesson 5-6 – 6.RP.A.3 Lesson 5-7 – 6.RP.A.3 Lesson 5-8 – 6.RP.A.3 Lesson 5-9 – 6.RP.A.3 Lesson 5-10 – 6.RP.A.3	20 Days

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Algebraic Reasoning	6.EE.B.6, 6.EE.B.7, 6.EE.C.9	Topic 4 Represent and Solve Equations and Inequalities	Lesson 4-2 – 6.EE.B.7 Lesson 4-3 – 6.EE.B.6 6.EE.B.7 Lesson 4-4 – 6.EE.B.6 6.EE.B.7 Lesson 4-5 – 6.EE.B.6 6.EE.B.7 Lesson 4-8 – 6.EE.C.9 Lesson 4-9 – 6.EE.C.9 Lesson 4-10 – 6.EE.C.9	18 Days
Statistics and Distributions	6.SP.A.1, 6.SP.A.2, 6.SP.A.3, 6.SP.B.4, 6.SP.B.5	Topic 8 Display, Describe, and Summarize Data	Lesson 8-1 – 6.SP.A.1 6.SP.B.4 Lesson 8-2 – 6.SP.A.3 6.SP.B.5 Lesson 8-3 – 6.SP.B.4 Lesson 8-4 – 6.SP.B.4 6.SP.B.5 Lesson 8-5 – 6.SP.B.4 6.SP.B.5 Lesson 8-6 – 6.SP.B.5 Lesson 8-7 – 6.SP.A.2 6.SP.B.4 6.SP.B.5	14 Days

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Scope and Sequence

If a district uses this resource to implement the state model curriculum for grade 6, the following scope and sequence should be followed to ensure alignment and attention to the progressions of mathematics.

Order	Unit Number/Title and Lessons	Lesson Objectives	# of days (assume 1 hour of instruction)	Number of weeks
*See notes below along with attached Scope and Sequence on p. 50				

Supports of Diversity, Equity and Inclusion

Please provide any information relative to supporting culturally responsive instruction, multi-language learners, and students with disabilities

Please see attachment on p.65

**enVision Mathematics* was designed to achieve a coherent progression of mathematical content within each course and across the program. A program scope and sequence is provided in the Teacher's Edition Program Overview, which also features specific information on organization, pedagogy, components, correlations, and best practices in teaching the program effectively and efficiently.

At the beginning of every topic, teachers are provided with support for the focus of the topic, how the topic fits into an overall coherence of the grade and across grades, the balance of rigor in the topic, and how the practices enrich the mathematics in the topic.

The Topic Background: Rigor page shows teachers how the areas of rigor will be addressed in the topic and details how conceptual understanding, procedural skill and fluency, and application builds within each topic to provide the rigor required.

On the first page of every lesson, the Lesson Overview includes sections titled Focus, Coherence, and Rigor. The Rigor section highlights elements of rigor emphasized in the lesson, which may be one, two, or all three. Features in every lesson support each element, but the emphasis will vary depending on the standard being developed in the lesson.

Extensive teaching notes support every part of every daily lesson, all lesson and topic student resources, and assessments in the topic. Look Back! connections to content taught in previous grades and Look Ahead! connections to content in the next grade are highlighted in the Coherence section of Topic Overview pages in the teacher edition.

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