

An Alignment of the
New York State Mathematics
Curriculum Modules
Grade 8
to

enVisionmath[®]2.0
SCOTT FORESMAN • ADDISON WESLEY

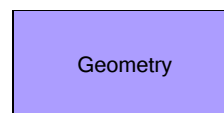
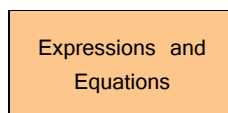
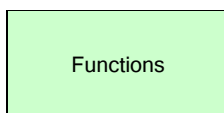
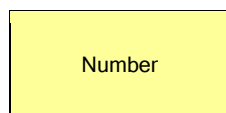
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**An Alignment of New York State Mathematics Curriculum Modules
Grade 8 to enVisionmath2.0 Grade 8, ©2017**

Topic Pacing	Grade 8 Modules from A Story of Ratios Common Core, Inc.	NY CCLS	enVisionmath2.0 Grade 8 Topics
20 days	1 - The Number System and Properties of Exponents	8.EE.A.1	1 - Real Numbers
		8.EE.A.3	
		8.EE.A.4	
25 days	2 - Congruence	8.G.A.1	6 - Congruence and Similarity 7 - Understand and Apply the Pythagorean Theorem
		8.G.A.2	
		8.G.A.5	
		8.G.A.6	
		8.G.B.7	
25 days	3 - Similarity	8.G.A.3	6 - Congruence and Similarity 7 - Understand and Apply the Pythagorean Theorem
		8.G.A.4	
		8.G.A.5	
		8.G.B.6	
		8.G.B.7	
40 days	4 - Linear Equations	8.EE.B.5	2 - Analyze and Solve Equations 5 - Analyze and Solve Systems of Linear Equations
		8.EE.B.6	
		8.EE.C.7	
		8.EE.C.8	
15 days	5 - Examples of Functions from Geometry	8.F.A.1	3 - Analyze and Solve Linear Equations 8 - Solve Problems Involving Surface Area and Volume
		8.F.A.2	
		8.F.A.3	
		8.G.C.9	

Key



Major Clusters – areas of intensive focus, where students need fluent understanding and application of the core concepts (approximately 70%).

Supporting Clusters – rethinking and linking areas where some material is covered, but in a way that applies core understandings (approximately 20%).

Additional Clusters – expose students to other subjects, though at a distinct, level of depth and intensity (approximately 10%).

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Topic Pacing	Grade 8 Modules from A Story of Ratios Common Core, Inc.	NY CCLS	enVisionmath2.0 Grade 8 Topics
20 days	6 – Linear Functions	8.F.B.4	3 – Analyze and Solve Linear Equations 4 – Investigate Bivariate Data
		8.F.B.5	
		8.SP.A.1	
		8.SP.A.2	
		8.SP.A.3	
		8.SP.A.4	
35 days	7 – Introduction to Irrational Numbers Using Geometry	8.NS.A.1	1 – Real Numbers 7 – Understand and Apply the Pythagorean Theorem 8 – Solve Problems Involving Surface Area and Volume
		8.NS.A.2	
		8.EE.A.2	
		8.G.B.6	
		8.G.B.7	
		8.G.B.8	
		8.G.C.9	

Key

Number

Functions

Expressions and Equations

Geometry

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