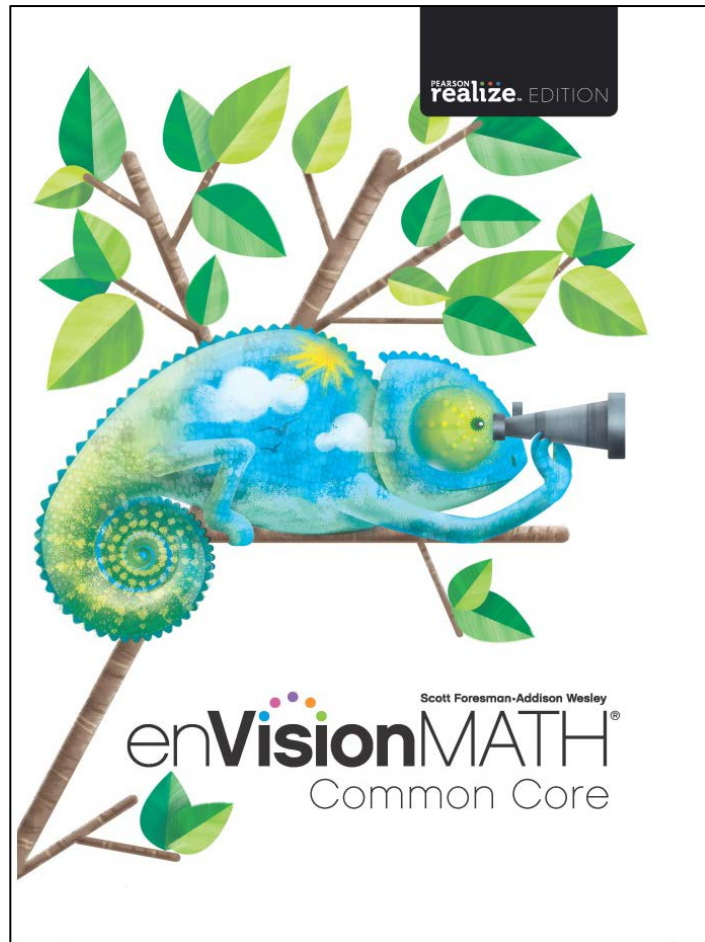


An Alignment of the
**New York State Mathematics
Curriculum Modules
for Grade 4**

to



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**An Alignment of New York State Mathematics Curriculum Modules
for Grade 4 to enVisionMATH Realize Edition, ©2015**

Introduction

enVisionMATH Realize Edition curriculum provides the same content indicated by the Common Core Year-Long Curriculum Map and Modules from Common Core, Inc. The *enVisionMATH Common Core* Topics can be taught in sequence and support the Common Core, Inc Modules. In addition, *enVisionMATH Realize Edition* fully supports the New York Emphases in Common Core Learning Standards.

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Topic Pacing	enVisionMATH Grade 4 Topics	NY CCLS	Grade 4 Modules from Common Core, Inc.
13 days	1 – Multiplication and Division Meanings and Facts	4.OA.1 4.OA.2 4.OA.3 4.OA.4 4.OA.5	7 – Exploring Multiplication
8 days	2 Generate and Analyze Patterns	4.OA.3 4.OA.5	
9 days	3 – Place Value	4.NBT.1 4.NBT.2 4.NBT.3	1 – Place Value, Rounding, Addition and Subtraction Algorithms of Whole Numbers
9 days	4 – Addition and Subtraction of Whole Numbers	4.NBT.3 4.NBT.4 4.OA.3	
9 days	5 – Number Sense: Multiplying by 1-Digit Numbers	4.NBT.3 4.NBT.5 4.OA.3	3 – Multiplication and Division of Up to a 4-Digit by a 1-Digit Number Using Place Value
9 days	6 – Developing Fluency: Multiplying by 1-Digit Numbers	4.NBT.3 4.NBT.5 4.OA.3	
10 days	7 – Number Sense: Multiplying by 2-Digit Numbers	4.NBT.3 4.NBT.5 4.OA.3	
8 days	8 – Developing Fluency: Multiplying by 2-Digit Numbers	4.NBT.5 4.OA.3	

Key

Fractions

Number & Geometry, Measurement

Number

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	enVisionMATH Grade 4 Topics	NY CCLS	Grade 4 Modules from Common Core, Inc.
9 days	9 - Number Sense: Dividing by 1-Digit Divisors	4.NBT.5 4.NBT.6 4.OA.2 4.OA.3	3 - Multiplication and Division of Up to a 4-Digit by a 1-Digit Number Using Place Value
11 days	10 - Developing Fluency: Dividing by 1-Digit Divisors	4.NBT.1 4.NBT.5 4.NBT.6 4.OA.3	
10 days	11 - Fraction Equivalence and Ordering	4.NF.1 4.NF.2	5 - Order and Operations with Unit Fractions and Decimals
14 days	12 - Adding and Subtracting Fractions and Mixed Numbers with Like Denominators	4.NF.3	
13 days	13 - Extending Fraction Concepts	4.NF.4 4.NF.5 4.NF.6 4.NF.7 4.MD.2	6 - Decimal Fractions
14 days	14 - Measurement Units and Conversions	4.MD.1 4.MD.2	2 - Unit Conversions - Addition and Subtraction of Length, Weight, and Capacity
7 days	15 - Solving Measurement and Data Problems	4.MD.2	3 - Multiplication and Division of Up to a 4-Digit by a 1-Digit Number Using Place Value
		4.MD.3 4.MD.4	5 - Order and Operations with Unit Fractions and Decimals
14 days	16 - Lines, Angles, and Shapes	4.MD.5 4.MD.6 4.MD.7 4.G.1 4.G.2 4.G.3	4 - Addition and Subtraction of Angle Measurements on Planar Figures

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