

A Correlation of

Virginia

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SCOTT FORESMAN • ADDISON WESLEY

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to the
**2016 Mathematics Standards of Learning and Curriculum Framework
for Virginia Public Schools
Grade 5**



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**Mathematics Textbook Correlation to the
2016 Grade Five Mathematics Standards of Learning and Curriculum Framework**

Publisher Pearson Education Inc., publishing as Prentice Hall and Scott Foresman	Text enVisionmath2.0 Virginia Grade 5	Copyright date 2019
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2016 Grade Five Mathematics Standards of Learning	
STANDARD	Correlation: Must address both the standards and the curriculum framework. Use page number and ATE for Annotated Teacher Edition or CT for Core Technology. (Identify no more than 8 correlations.)
5.1 The student, given a decimal through thousandths, will round to the nearest whole number, tenth, or hundredth.	ATE: 35A–40, 50

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5.2 The student will	
a) represent and identify equivalencies among fractions and decimals, with and without models; and	ATE: 17A–22, VA7A–VA10
b) compare and order fractions, mixed numbers, and/or decimals in a given set, from least to greatest and greatest to least.	ATE: 29A–34, 50, VA7A–VA10

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5.3 The student will	
a) identify and describe the characteristics of prime and composite numbers; and	ATE: VA3A–VA6
b) identify and describe the characteristics of even and odd numbers.	ATE: VA3A–VA6

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5.4 The student will create and solve single-step and multistep practical problems involving addition, subtraction, multiplication, and division of whole numbers.	ATE: 47, VA12B (Activity 2), VA12B (Activity 3), 119A–124, 143A–148, 155, VA12C (Activity 5), 289–292

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5.5 The student will	
a) estimate and determine the product and quotient of two numbers involving decimals; and	ATE: 171A–176, 177A–182, VA12B (Activity 4), 227–230, VA12C (Activity 6), 307A–312, 313A–318, 357–360
b) create and solve single-step and multistep practical problems involving addition, subtraction, and multiplication of decimals, and create and solve single-step practical problems involving division of decimals.	ATE: VA12B (Activity 1), 89A–94, VA12B (Activity 4), 219A–224, 227–230, VA12C (Activity 6), 313A–318, 357–360

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5.6 The student will	
a) solve single-step and multistep practical problems involving addition and subtraction with fractions and mixed numbers; and	ATE: VA12C (Activity 7), 383A–388, 389A–394, 395A–400, 401A–406, 407A–412, 419A–424, 445–448
b) solve single-step practical problems involving multiplication of a whole number, limited to 12 or less, and a proper fraction, with models.	ATE: 377A–382, 457A–462, VA62B (Activity 8), VA62B (Activity 9), 463A–468, 469A–474, 513

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5.7 The student will simplify whole number numerical expressions using the order of operations.	ATE: 735A–740, 741A–746, 767

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5.8 The student will	
a) solve practical problems that involve perimeter, area, and volume in standard units of measure; and	ATE: VA62B (Activity 10), 593A–598, 599A–604, 605A–610, 611A–616, 617A–622, 625–626, VA45A–VA48
b) differentiate among perimeter, area, and volume and identify whether the application of the concept of perimeter, area, or volume is appropriate for a given situation.	ATE: VA45A–VA48

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5.9 The student will	
a) given the equivalent measure of one unit, identify equivalent measurements within the metric system; and	ATE: 657A–662, 663A–668, 669A–674, 675A–680, 681A–686, 689–690
b) solve practical problems involving length, mass, and liquid volume using metric units.	ATE: 657A–662, VA62B (Activity 11), 663A–668, 669A–674, 675A–680, 681A–686, 689–690

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5.10 The student will identify and describe the diameter, radius, chord, and circumference of a circle.	ATE: VA49A–VA52

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5.11 The student will solve practical problems related to elapsed time in hours and minutes within a 24-hour period.	ATE: VA15–VA16

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5.12 The student will classify and measure right, acute, obtuse, and straight angles.	ATE: VA41A–VA44

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5.13 The student will	
a) classify triangles as right, acute, or obtuse and equilateral, scalene, or isosceles; and	ATE: 851A–856, VA62C (Activity 14), 869A–874, VA62C (Activity 15), 877–878
b) investigate the sum of the interior angles in a triangle and determine an unknown angle measure.	ATE: 869A–874, VA62C (Activity 15)

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5.14 The student will	
a) recognize and apply transformations, such as translation, reflection, and rotation; and	ATE: VA53A–VA56
b) investigate and describe the results of combining and subdividing polygons.	ATE: 869A–874, VA57A–VA60

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5.15 The student will determine the probability of an outcome by constructing a sample space or using the Fundamental (Basic) Counting Principle.	ATE: VA31A–VA34

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5.16 The student, given a practical problem, will	
a) represent data in line plots and stem-and-leaf plots;	ATE: 705A–710, 725, VA27A–VA30
b) interpret data represented in line plots and stem-and-leaf plots; and	ATE: 699A–704, 705A–710, 711A–716, 717A–722, 725–726, VA27A–VA30
c) compare data represented in a line plot with the same data represented in a stem-and-leaf plot.	ATE: VA27A–VA30

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5.17 The student, given a practical context, will	
a) describe mean, median, and mode as measures of center;	ATE: VA19A–VA22, VA23A–VA26
b) describe mean as fair share;	ATE: VA23A–VA26
c) describe the range of a set of data as a measure of spread; and	ATE: VA27A–VA30
d) determine the mean, median, mode, and range of a set of data.	ATE: VA19A–VA22, VA23A–VA26, VA27A–VA30

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5.18 The student will identify, describe, create, express, and extend number patterns found in objects, pictures, numbers and tables.	ATE: 5A–10, 165A–170, 239A–244, 301A–306, 813A–818, VA62B (Activity 12), VA62C (Activity 13), 819A–824

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5.19 The student will	
a) investigate and describe the concept of variable;	ATE: 143A–148, 158, VA37–VA38
b) write an equation to represent a given mathematical relationship, using a variable;	ATE: 137A–142, 143A–148, 158, 219A–224, 281A–286, 437A–442, 448
c) use an expression with a variable to represent a given verbal expression involving one operation; and	ATE: VA37–VA38
d) create a problem situation based on a given equation, using a single variable and one operation.	ATE: VA37–VA38