

Cornwall-Lebanon School District Math Curriculum Overview- Grade 3

Pennsylvania Standard Areas

Numbers and Operations in Base Ten
 Numbers and Operations: Fractions
 Algebraic Concepts
 Geometry
 Measurement & Data

length of time in weeks		Concepts & Competencies	Common Assessments	PA Core Standards
Unit 1	4	<p style="text-align: center;"><u>Numbers and Operations in Base Ten</u></p> <p>Students will apply place value understanding and properties of operations to perform multi-digit arithmetic.</p>	<ul style="list-style-type: none"> ➤ Unit 1 Test 1: Place-value and Properties of Operations ➤ Unit 1 Test 2: Place-value and Properties of Operations ➤ Unit 1 Performance Task 	CC.2.1.3.B.1
Unit 2	6	<p style="text-align: center;"><u>Multiplication, Division, & Algebraic Thinking</u></p> <p>Students will represent and solve problems involving multiplication and division. Understand properties of multiplication and the relationship between multiplication and division. Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p>	<ul style="list-style-type: none"> ➤ Unit 2 Test 1: Multiplication Concepts ➤ Unit 2 Test 2: Division Concepts ➤ Unit 2 Test 3: Algebraic Concepts ➤ Unit 2 Performance Task 	CC.2.2.3.A.1 CC.2.2.3.A.2 *CC.2.2.3.A.3 CC.2.2.3.A.4
Unit 3	2	<p style="text-align: center;"><u>Geometry</u></p> <p>Students will be able to identify, compare, and classify shapes and their attributes.</p>	<ul style="list-style-type: none"> ➤ Unit 3 Test: Geometric Concepts ➤ Unit 3 Performance Task 	CC.2.3.3.A.1
Unit 4	4	<p style="text-align: center;"><u>Fraction Concepts</u></p> <p>Students will explore and develop an understanding of fractions as numbers. Students will use their understanding of fractions to partition shapes into parts with equal areas and express the area of each part as a unit fraction of the whole.</p>	<ul style="list-style-type: none"> ➤ Unit 4 Test: Fraction Concepts ➤ Unit 4 Performance Task 	CC.2.3.3.A.2 CC.2.1.3.C.1
Unit 5	6	<p style="text-align: center;"><u>Measurement</u></p> <p>Students will solve problems involving measurement and estimation of temperature, liquid volume, mass or length. Tell and write time to the nearest minute and solve problems by calculating time intervals. Solve problems and make change involving money using a combination of coins and bills. Determine the area of a rectangle and apply the concept to multiplication and to addition. Solve problems involving perimeters of polygons and distinguish between linear and area measures.</p>	<ul style="list-style-type: none"> ➤ Unit 5 Test 1: Linear Measurement ➤ Unit 5 Test 1 Performance Task ➤ Unit 5 Test 2: Perimeter and Area ➤ Unit 5 Test 2 Performance Task ➤ Unit 5 Test 3: Time Concepts ➤ Unit 5 Test 3 Performance Task ➤ Unit 5 Test 4: Money Concepts ➤ Unit 5 Test 4 Performance Task ➤ Unit 5 Test 5: Perimeter and Area ➤ Unit 5 Test 5 Performance Task 	CC.2.4.3.A.1 CC.2.4.3.A.2 CC.2.4.3.A.3 CC.2.4.3.A.5 CC.2.4.3.A.6
Unit 6	2	<p style="text-align: center;"><u>Data and Graphing</u></p> <p>Students will be able to represent and interpret data using tally charts, tables, pictographs, line plots, and bar graphs.</p>	<ul style="list-style-type: none"> ➤ Unit 6 Test: Data and Graphing ➤ Unit 6 Performance Task 	CC.2.4.3.A.4

*Core fluency (CC.2.2.3.A.3) for all operations is an integral component of the curriculum.