

# 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 <span style="display: inline-block; width: 15px; height: 15px; background-color: black; margin-right: 5px;"></span> 3	<p style="text-align: center;"><b><u>Numbers and Operations in Base Ten</u></b></p> Students will apply place value understanding and properties of operations to perform multi-digit arithmetic.	<ul style="list-style-type: none"> <li>➤ Unit 1 Test 1: Place-value and Properties of Operations</li> <li>➤ Unit 1 Test 2: Place-value and Properties of Operations</li> <li>➤ Unit 1 Open-Ended Response</li> </ul>	CC.2.1.3.B.1
Unit 2 <span style="display: inline-block; width: 15px; height: 15px; background-color: red; margin-right: 5px;"></span> 6	<p style="text-align: center;"><b><u>Multiplication, Division, &amp; Algebraic Thinking</u></b></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.	<ul style="list-style-type: none"> <li>➤ Unit 2 Test 1: Multiplication Concepts</li> <li>➤ Unit 2 Test 2: Division Concepts</li> <li>➤ Unit 2 Test 3: Algebraic Concepts</li> <li>➤ Unit 2 Open-Ended Response</li> </ul>	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 <span style="display: inline-block; width: 15px; height: 15px; background-color: green; margin-right: 5px;"></span> 3	<p style="text-align: center;"><b><u>Geometry</u></b></p> Students will be able to identify, compare, and classify shapes and their attributes.	<ul style="list-style-type: none"> <li>➤ Unit 3 Test: Geometric Concepts</li> <li>➤ Unit 3 Open-Ended Response</li> </ul>	CC.2.3.3.A.1
Unit 4 <span style="display: inline-block; width: 15px; height: 15px; background-color: green; margin-right: 5px;"></span> <span style="display: inline-block; width: 15px; height: 15px; background-color: gold; margin-left: 5px; margin-right: 5px;"></span> 4	<p style="text-align: center;"><b><u>Fraction Concepts</u></b></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.	<ul style="list-style-type: none"> <li>➤ Unit 4 Test: Partitioning Shapes and Fraction Concepts</li> <li>➤ Unit 4 Open-Ended Response</li> </ul>	CC.2.3.3.A.2 CC.2.1.3.C.1
Unit 5 <span style="display: inline-block; width: 15px; height: 15px; background-color: orange; margin-right: 5px;"></span> 7	<p style="text-align: center;"><b><u>Measurement</u></b></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.	<ul style="list-style-type: none"> <li>➤ Unit 5 Test 1: Linear Measurement</li> <li>➤ Unit 5 Test 1 Open-Ended Response</li> <li>➤ Unit 5 Test 2: Perimeter and Area</li> <li>➤ Unit 5 Test 2 Open-Ended Response</li> <li>➤ Unit 5 Test 3: Time Concepts</li> <li>➤ Unit 5 Test 3 Open-Ended Response</li> <li>➤ Unit 5 Test 4: Money Concepts</li> <li>➤ Unit 5 Test 4 Open-Ended Response</li> <li>➤ Unit 5 Test 5: Perimeter and Area</li> <li>➤ Unit 5 Test 5 Open-Ended Response</li> </ul>	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 <span style="display: inline-block; width: 15px; height: 15px; background-color: orange; margin-right: 5px;"></span> 2	<p style="text-align: center;"><b><u>Data and Graphing</u></b></p> Students will be able to represent and interpret data using tally charts, tables, pictographs, line plots, and bar graphs.	<ul style="list-style-type: none"> <li>➤ Unit 6 Test: Data and Graphing</li> <li>➤ Unit 6 Open-Ended Response</li> </ul>	CC.2.4.3.A.4

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