

Cornwall-Lebanon School District Math Curriculum Overview- Grade 5

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
<div style="border: 1px solid red; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center; margin: 0 auto;">4</div>	<p style="text-align: center;"><u>Powers of Ten, Exponents, Adding and Subtracting Decimals</u></p> <p>Students will apply knowledge of place value to show an understanding of operations and rounding as they pertain to whole numbers and decimals. Students will extend their understanding of operations with whole numbers to perform operations with decimals.</p>	<ul style="list-style-type: none"> ➤ Unit 1 Test 1: Powers of Ten & Exponents ➤ Unit 1 Test 1 Open-Ended Response ➤ Unit 1 Test 2: Decimal Concepts ➤ Unit 1 Test 2 Open-Ended Response 	<p>CC.2.1.5.B.1</p> <p>CC.2.1.5.B.2</p>
<div style="border: 1px solid red; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center; margin: 0 auto;">4</div>	<p style="text-align: center;"><u>Multiplying and Dividing Whole Numbers and Decimals</u></p> <p>Students will extend their understanding of operations with whole numbers to perform operations with decimals.</p>	<ul style="list-style-type: none"> ➤ Unit 2 Test 1: Multiplying Whole Numbers and Decimals ➤ Unit 2 Test 1 Open-Ended Response ➤ Unit 2 Test 2: Dividing Whole Numbers and Decimals ➤ Unit 2 Test 2 Open-Ended Response 	<p>CC.2.1.5.B.2</p>
<div style="border: 1px solid red; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center; margin: 0 auto;">4</div>	<p style="text-align: center;"><u>Operations with Fractions</u></p> <p>Students will use their understanding of equivalency to add and subtract fractions. Students will apply and extend previous understanding of multiplication and division to multiply and divide fractions.</p>	<ul style="list-style-type: none"> ➤ Unit 3 Test 1: Adding and Subtracting Fractions ➤ Unit 3 Test 1 Open-Ended Response ➤ Unit 3 Test 2: Multiplying and Dividing Fractions ➤ Unit 3 Test 2 Open-Ended Response 	<p>CC.2.1.5.C.1</p> <p>CC.2.1.5.C.2</p>
<div style="border: 1px solid red; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center; margin: 0 auto;">4</div>	<p style="text-align: center;"><u>Measurement</u></p> <p>Students will solve problems using conversions within a given measurement system. Students will be able to apply concepts of volume to solve problems and relate volume to multiplication and addition. *Students are provided with formula sheets to assist in conversions</p>	<ul style="list-style-type: none"> ➤ Unit 4 Test 1: Measurement – Conversions ➤ Unit 4 Test 1 Open-Ended Response ➤ Unit 4 Test 2: Measurement – Volume ➤ Unit 4 Test 2: Open-Ended Response 	<p>CC.2.4.5.A.1</p> <p>CC.2.4.5.A.5</p>
<div style="border: 1px solid red; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center; margin: 0 auto;">3</div>	<p style="text-align: center;"><u>Geometry</u></p> <p>Students will be able to identify and categorize two-dimensional figures based on their properties.</p>	<ul style="list-style-type: none"> ➤ Unit 5 Test 1: Geometry ➤ Unit 5 Test 1 Open-Ended Response 	<p>CC.2.3.5.A.2</p>
<div style="border: 1px solid red; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center; margin: 0 auto;">3</div>	<p style="text-align: center;"><u>Interpreting and Graphing Data</u></p> <p>Students will be able to graph points in the first quadrant on the coordinate plane and interpret these points when solving real world and mathematical problems. Students will represent and interpret data using an appropriate scale. Students will solve problems involving the computation of fractions using information provided in a line plot.</p>	<ul style="list-style-type: none"> ➤ Unit 6 Test 1: Graphs ➤ Unit 6 Test 1 Open-Ended Response ➤ Unit 6 Test 2: Coordinates ➤ Unit 6 Test 2 Open-Ended Response 	<p>CC.2.4.5.A.2</p> <p>CC.2.4.5.A.4</p> <p>CC.2.3.5.A.1</p>
<div style="border: 1px solid red; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center; margin: 0 auto;">3</div>	<p style="text-align: center;"><u>Analyzing Patterns, Number Expressions, Order of Operations</u></p> <p>Students will be able to interpret and evaluate numerical expressions using order of operations. Students will be able to analyze patterns and identify relationships amongst two rules.</p>	<ul style="list-style-type: none"> ➤ Unit 7 Test 1: Order of Operations and Number Expressions ➤ Unit 7 Test 1 Open-Ended Response ➤ Unit 7 Test 2: Number Patterns ➤ Unit 7 Test 2 Open-Ended Response 	<p>CC.2.2.5.A.1</p> <p>CC.2.2.5.A.4</p>