







Cornwall-Lebanon School District Math Curriculum Overview

Grade 6 Honors Math

Pennsylvania Standard Areas

■ The Number System
 ■ Expressions and Equations
 ■ Statistics and Probability
 ■ Geometry
 ■ Ratios and Proportional Relationships

 length of time in weeks	Concepts & Competencies	Common Assessments	PA Core Standards
Unit 1 	4 <u>Number Concepts</u> Students will extend their knowledge of the number system to include rational numbers, properties, and order of operations including powers.	<ul style="list-style-type: none"> ➤ Unit 1 Test: Number Concepts ➤ Unit 1 Open-Ended Response ➤ Quarterly 1 Assessment ➤ Quarterly 4 Cumulative Assessment 	CC.2.1.6.E.4 CC.2.1.6.E.2 CC.2.2.6.B.1
Unit 2 	3 <u>Number Theory</u> Students will apply their understanding of factors of multiples. Students will extend their knowledge of equivalent forms of fractions and decimals.	<ul style="list-style-type: none"> ➤ Unit 2 Test: Number Theory ➤ Unit 2 Open-Ended Response ➤ Quarterly 1 Assessment ➤ Quarterly 4 Cumulative Assessment 	CC.2.2.3.A.2 CC.2.1.6.E.3 CC.2.1.4.C.1
Unit 3 	4 <u>Algebra</u> Students will apply and extend previous understanding of arithmetic to algebraic expressions, equations, and inequalities.	<ul style="list-style-type: none"> ➤ Unit 3 Test: Algebra ➤ Unit 3 Open-Ended Response ➤ Quarterly 2 Assessment ➤ Quarterly 4 Cumulative Assessment 	CC.2.2.6.B.1 CC.2.2.6.B.2 CC.2.2.6.B.3 CC.2.1.6.D.1
Unit 4 	3 <u>Decimal Operations</u> Students will perform decimal operations with an emphasis on multiplication and division.	<ul style="list-style-type: none"> ➤ Unit 4 Test: Decimal Operations ➤ Unit 4 Open-Ended Response ➤ Quarterly 2 Assessment ➤ Quarterly 4 Cumulative Assessment 	CC.2.1.5.B.1 CC.2.1.6.E.2 CC.2.2.6.B.2
Unit 5 	3 <u>Fraction Operations</u> Students will perform fraction operations with an emphasis on multiplication and division.	<ul style="list-style-type: none"> ➤ Unit 5 Test: Fraction Operations ➤ Unit 5 Open-Ended Response ➤ Quarterly 2 Assessment ➤ Quarterly 4 Cumulative Assessment 	CC.2.1.4.C.1 CC.2.1.4.C.3 CC.2.1.5.C.2 CC.2.1.6.E.1 CC.2.2.6.B.2

<div>Unit 6</div> <div></div>	<div>3</div>	<div>Statistics</div> <div>Students will analyze and compare measures of center, describe distributions, and understand variability.</div>	<div><div>➤ Unit 6 Test: Statistics</div><div>➤ Unit 6 Open-Ended Response</div><div>➤ Quarterly 3 Assessment</div><div>➤ Quarterly 4 Cumulative Assessment</div></div>	<div>CC.2.4.6.B.1</div>
<div>Unit 7</div> <div></div>	<div>3</div>	<div>Ratios and Proportions</div> <div>Students will be able to understand ratio concepts using ratio reasoning and solve proportional relationships.</div>	<div><div>➤ Unit 7 Test: Ratios and Proportions</div><div>➤ Unit 7 Open-Ended Response</div><div>➤ Quarterly 3 Assessment</div><div>➤ Quarterly 4 Cumulative Assessment</div></div>	<div>CC.2.1.6.D.1</div> <div>CC.2.1.7.D.1</div> <div>CC.2.1.6.E.4</div>
<div>Unit 8</div> <div></div>	<div>3</div>	<div>Geometry</div> <div>Students will be able to solve problems involving area, surface area, and volume.</div>	<div><div>➤ Unit 8 Test: Geometry</div><div>➤ Unit 8 Open-Ended Response</div><div>➤ Quarterly 3 Assessment</div><div>➤ Quarterly 4 Cumulative Assessment</div></div>	<div>CC.2.3.6.A.1</div>
<div>Unit 9</div> <div></div>	<div>3</div>	<div>Integer Operations</div> <div>Students will be able to perform rational number operations with positive and negative values.</div>	<div><div>➤ Unit 9 Test: Integer Operations</div><div>➤ Unit 9 Open-Ended Response</div><div>➤ Quarterly 4 Cumulative Assessment</div></div>	<div>CC.2.1.7.E.1</div> <div>CC.2.2.7.B.1</div>
<div>Unit 10</div> <div></div>	<div>3</div>	<div>Geometry Extension</div> <div>Students will be able to extend knowledge of geometric relationships to solve problems involving circles, angles, surface area, and volume.</div>	<div><div>➤ Unit 10 Test: Integer Operations</div><div>➤ Unit 10 Open-Ended Response</div><div>➤ Quarterly 4 Cumulative Assessment</div></div>	<div>CC.2.3.7.A.1</div> <div>CC.2.3.7.A.2</div>