

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 ■ 2	<u>Problem Solving</u> Students will use CUBES to determine key words in problem solving and justify their solutions in writing.	➤ Unit 1 Performance Task	Standards for Mathematical Practice
Unit 2 ■ 2	<u>Integer Concepts</u> Students will extend their knowledge of the number system to include positive and negative whole numbers.	➤ Unit 2 Performance Task	CC.2.1.6.E.4
Unit 3 ■ 2	<u>Properties and Powers</u> Students will extend their knowledge of the number system to include properties, and order of operations including powers.	➤ Unit 3 Performance Task ➤ Unit 3 Test	CC.2.2.6.B.1
Unit 4 ■ 2	<u>Expressions and Equations</u> Students will apply and extend previous understanding of arithmetic to algebraic expressions and equations.	➤ Unit 4 Test	CC.2.2.6.B.1 CC.2.2.6.B.2 CC.2.2.6.B.3
Unit 5 ■ 3	<u>Geometry</u> Students will be able to solve problems involving area, surface area, and volume.	➤ Unit 5 Test	CC.2.3.6.A.1
Unit 6 ■ 3	<u>Ratios and Proportions</u> Students will be able to understand ratio concepts using ratio reasoning and solve proportional relationships.	➤ Unit 6 Test	CC.2.1.6.D.1 CC.2.1.7.D.1 CC.2.1.6.E.4
Unit 7 ■ 2	<u>Inequalities</u> Students will apply and extend previous understanding of arithmetic to algebraic inequalities.	➤ Unit 7 Performance Task	CC.2.1.6.D.1 CC.2.2.6.B.2
Unit 8 ■ 3	<u>Statistics</u> Students will analyze and compare measures of center, describe distributions, and understand variability.	➤ Unit 8 Test	CC.2.4.6.B.1
Unit 9 ■ 3	<u>Number Theory</u> Students will apply their understanding of factors of multiples.	➤ Unit 9 Performance Task ➤ Unit 9 Test	CC.2.1.6.E.3 CC.2.1.6.E.4

Unit 10 ■	2	Fraction Operations Students will perform fraction operations with an emphasis on multiplication and division.	➤ Unit 10 Test	CC.2.1.6.E.1 CC.2.2.6.B.2
Unit 11 ■	2	Decimal Operations Students will perform decimal operations with an emphasis on multiplication and division.	➤ Unit 11 Test	CC.2.1.6.E.2 CC.2.2.6.B.2
Unit 12 ■	3	Integer Operations Students will perform integer operations.	➤ Unit 12 Test	CC.2.1.7.E.1 CC.2.2.7.B.3
Unit 13 ■	2	7th Grade Geometry Concepts Students will be able to solve problems involving circumference and area of circles and perimeter and the Pythagorean Theorem.	➤ Unit 13 Performance Task	CC.2.3.7.A.1 CC.2.3.7.A.2

