Cornwall-Lebanon School District Math Curriculum Overview
Grade 6 Academic Math

Pennsylvania Standard Areas

🟦 The Number System 🟨 Expressions and Equations 🟫 Statistics and Probability 🟩 Geometry 🟧 Ratios and Proportional Relationships

26 / length of time in weeks	Concepts & Competencies	Common Assessments	PA Core Standards
Unit 1 🟦 **4**	**Number Concepts** Students will extend their knowledge of the number system to include rational numbers, properties, and order of operations including powers.	➤ 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**	**Number Theory** Students will apply their understanding of factors of multiples. Students will extend their knowledge of equivalent forms of fractions and decimals.	➤ 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**	**Algebra** Students will apply and extend previous understanding of arithmetic to algebraic expressions, equations, and inequalities.	➤ 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**	**Decimal Operations** Students will perform decimal operations with an emphasis on multiplication and division.	➤ 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**	**Fraction Operations** Students will perform fraction operations with an emphasis on multiplication and division.	➤ 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

Unit 6 ■	3	**Statistics** Students will analyze and compare measures of center, describe distributions, and understand variability.	➢ Unit 6 Test: Statistics ➢ Unit 6 Open-Ended Response ➢ Quarterly 3 Assessment ➢ Quarterly 4 Cumulative Assessment	CC.2.4.6.B.1
Unit 7 ■	3	**Ratios and Proportions** Students will be able to understand ratio concepts using ratio reasoning and solve proportional relationships.	➢ Unit 7 Test: Ratios and Proportions ➢ Unit 7 Open-Ended Response ➢ Quarterly 3 Assessment ➢ Quarterly 4 Cumulative Assessment	CC.2.1.6.D.1 CC.2.1.7.D.1 CC.2.1.6.E.4
Unit 8 ■	3	**Geometry** Students will be able to solve problems involving area, surface area, and volume.	➢ Unit 8 Test: Geometry ➢ Unit 8 Open-Ended Response ➢ Quarterly 2 Assessment ➢ Quarterly 4 Cumulative Assessment	CC.2.3.6.A.1