

Cocalico School District

Year-at-a-Glance - Curriculum Overview

Department: Math

Course: Math 6

Grade Level: 6

Big Ideas

- To learn and explore the 4 main focus areas of 6th grade mathematics: numbers and operations, algebraic concepts, geometry, and measurement, data, and probability

Units of Study	% of Course Time	Textbooks & Supplemental Materials	Assessments	Standards Addressed
<ul style="list-style-type: none"> Numerical Expressions and Factors 	5%	<ul style="list-style-type: none"> Big Ideas Green Book Chapter 1 	<ul style="list-style-type: none"> Tests or Quizzes 	<ul style="list-style-type: none"> CC.2.1.6.E.1-5
<ul style="list-style-type: none"> Fractions and Decimals 	5%	<ul style="list-style-type: none"> Big Ideas Green Book Chapter 2 	<ul style="list-style-type: none"> Tests or Quizzes 	<ul style="list-style-type: none"> CC.2.1.6.E.1-5
<ul style="list-style-type: none"> Algebraic Expressions and Properties 	10%	<ul style="list-style-type: none"> Big Ideas Green Book Chapter 3 	<ul style="list-style-type: none"> Tests or Quizzes 	<ul style="list-style-type: none"> CC.2.2.6.B.1-3
<ul style="list-style-type: none"> Areas of Polygons 	5%	<ul style="list-style-type: none"> Big Ideas Green Book Chapter 4 	<ul style="list-style-type: none"> Tests or Quizzes 	<ul style="list-style-type: none"> CC.2.3.6.A.1
<ul style="list-style-type: none"> Ratios and Rates 	20%	<ul style="list-style-type: none"> Big Ideas Green Book Chapter 5 	<ul style="list-style-type: none"> Tests or Quizzes 	<ul style="list-style-type: none"> CC.2.2.HS.C.1
<ul style="list-style-type: none"> Integers on the Coordinate Plane 	10%	<ul style="list-style-type: none"> Big Ideas Green Book Chapter 6 	<ul style="list-style-type: none"> Tests or Quizzes 	<ul style="list-style-type: none"> CC.2.2.6.B.1-3
<ul style="list-style-type: none"> Equations and Inequalities 	15%	<ul style="list-style-type: none"> Big Ideas Green Book Chapter 7 	<ul style="list-style-type: none"> Tests or Quizzes 	<ul style="list-style-type: none"> CC.2.2.6.B.1-3
<ul style="list-style-type: none"> Statistical Measures 	10%	<ul style="list-style-type: none"> Big Ideas Green Book Chapter 9 	<ul style="list-style-type: none"> Tests or Quizzes 	<ul style="list-style-type: none"> CC.2.4.6.B.1
<ul style="list-style-type: none"> Data Displays 	10%	<ul style="list-style-type: none"> Big Ideas Green Book Chapter 10 	<ul style="list-style-type: none"> Tests or Quizzes 	<ul style="list-style-type: none"> CC.2.4.6.B.1
<ul style="list-style-type: none"> Surface Area and Volume 	10%	<ul style="list-style-type: none"> Big Ideas Green Book Chapter 8 	<ul style="list-style-type: none"> Tests or Quizzes 	<ul style="list-style-type: none"> CC.2.3.6.A.1



Eagle P.A.C.T. Course Connections:

Math 6 encourages students to use problem solving skills to analyze and evaluate problems in this course. Students will also need to effectively communicate their thinking and collaborate on problems.