

Commerce City Schools
Curriculum Map

Grade Level: 6

Content Area: Mathematics

Grading Period	1 st 9 Weeks	1 st 9 Weeks	1 st & 2 nd 9 Weeks	2 nd 9 Weeks	2 nd 9 Weeks
Name of Unit	Gathering Data	Fun & Games	Fractions, Decimals, Percents, & Ratios	One-Step Equations	Circles & Graphs
Big Ideas	Collecting, organizing, & understanding data; representing data using the appropriate graph	Understanding & being able to find the GCF and LCM and how they are useful; prime factorization	Using fractions, decimals, and percent interchangeably; ratios are used to describe relationships; using the 4 arithmetic operations to solve problems	Solving one-step equations using the 4 arithmetic operations	Understanding the relationship between circumference & diameter; finding the missing parts of a circle given area or circumference; using circle graphs to display data
Pacing of Unit	3 Weeks	3 Weeks	5 Weeks	3 Weeks	4 Weeks
Domain/Weight Content	Data Analysis/ Probability (15%)	Numbers/ Operations (15%)	Numbers/ Operations (15%); Algebra (30%)	Algebra (30%)	Data Analysis/ Probability (15%); Numbers/ Operations (15%); Measurement (20%)
Resources	Textbook Ch 6 (p. 290) Coach Book p. 188-219 georgiastandards.org OAS Classworks	Textbook Ch 4 (p. 161) & Ch 5 (p. 228) Coach Book p. 32-41 georgiastandards.org OAS Classworks	Textbook Ch 4 (p. 181); Ch 5 (p. 234); Ch 7 (p. 352 & 381) Coach Book p. 42-63 & 157-161 georgiastandards.org OAS Classworks	Textbook Ch 2 (p. 51) Coach Book p. 175-182 & 150-156 georgiastandards.org OAS Classworks	Textbook Ch 9 (p. 520) & Ch 10 (p. 558) georgiastandards.org OAS Classworks
Key Standards	M6D1	M6N1	M6N1 M6A1 M6A2	M6A2 M6A3	M6D1 M6N1 M6M2 M6A1 M6A3
Related Standards	M6M2 M6P1 M6P3 M6P4 M6P5	M6M2 M6G1 M6A2 M6P1-M6P5	M6N1 M6M2 M6A2 M6A3 M6D2 M6P1-M6P5	M6P1 M6P2 M6P3 M6P4 M6P5	M6P1-M6P5

Grading Period	3 rd 9 Weeks	3 rd 9 Weeks	3 rd 9 Weeks	4 th 9 Weeks	4 th 9 Weeks	4 th 9 Weeks
Name of Unit	Symmetry	Scale Factor	Solids	Direct Proportion	Games of Chance	Show What You Know
Big Ideas	Determining & using lines of symmetry; investigating & using rotational symmetry	Using proportions & scale factors to compare similar figures & solving problems; converting units of measurement	Use formulas to calculate volume & surface area; further understand solid figures	The equation $y=kx$ describes a proportional relationship; representing $y=kx$ using manipulatives, pictures, tables, & graphs	Probability of an event can be represented as a fraction, decimal, or percent; determine theoretical probability of an event to occur; investigate the relationship between theoretical & experimental probability	Showing the ability to use and apply the knowledge learned in the previous units of study
Pacing of Unit	2 Weeks	3 Weeks	4 Weeks	2 Weeks	3 Weeks	4 Weeks
Domain/Weight Content	Geometry (20%)	Measurement (20%); Geometry (20%); Algebra (30%)	Measurement (20%); Geometry (20%)	Algebra (30%)	Data Analysis/ Probability (15%)	Measurement (20%); Geometry (20%); Algebra (30%); Data Analysis/ Probability (15%); Numbers/ Operations (15%)
Resources	Textbook Ch 8 (p. 464 & 767) Coach Book p. 112-117 georgiastandards.org OAS Classworks	Textbook Ch 7 (p. 366) & Ch 9 (p. 488) Coach Book p. 70-82, 118-130, & 162-167 georgiastandards.org OAS Classworks	Textbook Ch 10 (p. 566) Coach Book p. 83-105 & 131-143 georgiastandards.org OAS Classworks	Coach Book p. 168-174 georgiastandards.org OAS Classworks	Textbook Ch 12 (p. 664) Coach Book p. 220-231 georgiastandards.org OAS Classworks	See Previous Resources
Key Standards	M6G1	M6M1 M6M2 M6G1 M6A1	M6M3 M6M4 M6G2	M6A2 M6A3	M6D2	M6D1 M6D2 M6N1 M6A1 M6A2 M6A3 M6M1 M6M2 M6G1 M6M3 M6G2
Related Standards	M6P1-M6P5	M6P1-M6P5	M6N1 M6M2 M6A1 M6A2 M6P1-M6P5	M6A1 M6D1	M6N1 M6A1 M6M2 M6D1	