

**Commerce City Schools  
Curriculum Map**

**Grade Level: Seventh**  
**Content Area: Mathematics**

<b>Grading Period</b>	1 <sup>st</sup> Nine Weeks		2 <sup>nd</sup> Nine Weeks		3 <sup>rd</sup> Nine Weeks		4 <sup>th</sup> Nine Weeks	
<b>Name of Unit</b>	Dealing with Data	Patterns and Relationships	Rational Reasoning	Flip, Slide, and Turn	Staying in Shape	Values that Vary	Slices and Shadows	Show What We Know
<b>Big Ideas</b>	Data collection and organization  Data display and analysis  Comparison of data sets and interpretation of relationships	Recognize, represent, and interpret relationships between two quantities  Represent and evaluate quantities using algebraic expressions  Represent and solve problems with linear equations	Function of positive and negative numbers and their absolute value Operations with positive and negative numbers Using conventions and properties to simplify and evaluate expressions Interpreting positive and negative numbers of linear equations and on coordinate graphs	Properties of translations, reflections, and rotations  Constructions	Dilations produce similar figures  In similar figures, corresponding angles are congruent and corresponding sides are proportional  Congruent figures are similar  Similar figures are related through scale factor	Proportional relationships	Three-dimensional figures and cross sections	Data analysis and Probability  Algebra  Numbers and Operations  Geometry  Problem Solving and Application
<b>Instructional Pacing</b>	5 Weeks	4 Weeks	5 Weeks	4 Weeks	6 Weeks	3 Weeks	3 Weeks	6 Weeks

