

**Commerce City Schools  
Commerce Elementary School**

**Fourth Grade –Science Curriculum Map**

<b>Instructional Pacing</b>	8 Weeks	8 Weeks	4 Weeks	8 Weeks	4 Weeks	3 Weeks
<b>Unit</b>	Ecology	Weather	Force & Motion	Stars & Solar System	Sound & Light	Characteristics of Science
<b>Georgia Performance Standards</b>	S4L1, S4L2, S4CS1-S4CS8	S4E3, S4E4, S4CS1-S4CS8	S4P3, S4CS1-S4CS8	S4E1, S4E2, S4CS1-S4CS8	S4P1, S4P2, S4CS1-S4CS8	S4CS1, S4CS2, S4CS3, S4CS4, S4CS5, S4CS6, S4CS7, S4CS8
<b>Big Ideas</b>	-Describes the roles of organisms and flow of energy within an ecosystem -Identifies factors that affect survival or extinction of organisms -Applies the processes of scientific inquiry -Uses and analyzes data accurately	-Differentiates between states of water and relates to water cycle and weather -Analyzes weather charts/maps and collects weather data -Applies the processes of scientific inquiry -Uses and analyzes data accurately	-Demonstrates relationship between force and change in position and motion -Applies the processes of scientific inquiry -Uses and analyzes data accurately	-Compares and contrasts physical attributes of stars, star patterns, and planets -Models position and motion of earth in solar system and explains roles -Applies the processes of scientific inquiry -Uses and analyzes data accurately	-Investigates nature of light using tools -Demonstrates how sound is produced and how it can vary -Applies the processes of scientific inquiry -Uses and analyzes data accurately	-Applies the processes of scientific inquiry -Uses and analyzes data accurately
<b>Resources</b>	Houghton Mifflin Science Series (Textbook, Interactive Texts, Hands-On Interactive Lab Activities); United Streaming; Classworks; CRCT Science Coach Workbook; GA OAS and Benchmarks					
<b>Domain/ CRCT Content Weight</b>	Earth Science 40% Physical Science 30% Life Science 30%					