

# UNDERSTANDING YOUR CHILD'S REPORT CARD



SY 2021-2022 8<sup>th</sup> Grade | First Nine Weeks

## LEARNING GUIDES What will my child learn?

English Language Arts	Mathematics	Science	Social Studies
<p><i>All students should know and/or be able to:</i></p> <p>Determine theme or central idea of a text and analyze its relationship to characters, setting, and plot.</p> <p>Analyze how dialogue drives the action, reveal aspects of a character, or provoke a decision.</p> <p>Analyze the connections of a text and distinctions between individuals, ideas, or events.</p> <p>Summarize the text without personal opinions or judgments.</p> <p>Write narratives to develop real or imagined experiences/events using techniques, details, and sequencing</p> <p>Explain the function of participles in a sentence.</p> <p>Use punctuation to indicate a pause or break.</p> <p>Determine the meaning of unfamiliar words using a variety of strategies; build academic vocabulary.</p> <p>Communicate and work with peers and adults about what they read and write.</p>	<p><i>All students should know and/or be able to:</i></p> <p>Use integer exponents to create equivalent expressions with numbers.</p> <p>Know perfect squares and square roots from 0 to 625.</p> <p>Know perfect cubes and cube roots from -1000 to 1000.</p> <p>Estimate and calculate with scientific notation.</p> <p>Solve linear equations.</p> <p>Estimate and compare rational and irrational numbers (all positive &amp; negative numbers on a number line)</p> <p>Transformations of geometric shapes on the coordinate plane.</p> <p>Identify figures with the same shape &amp; size and determine the value of sides and angles.</p>	<p><i>All students should know and/or be able to:</i></p> <p>Compare and contrast pure substances and mixtures.</p> <p>Describe the movement of particles in solids, liquids, gases, and plasma when heat is added or removed.</p> <p>Compare and contrast chemical and physical properties of matter.</p> <p>Use observational evidence to support the claim that when a change in a substance occurs, it can be classified as either chemical or physical.</p> <p>Develop models by analyzing patterns within the periodic table that shows the structure, composition, and characteristics of atoms and simple molecules.</p> <p>Describe conservation of matter in a chemical reaction including the resulting differences between products and reactants.</p>	<p><i>All students should know and/or be able to:</i></p> <p>Describe Georgia's Geography &amp; Climate.</p> <p>Explain how the four transportation systems of Georgia contribute to development &amp; growth of the state's economy.</p> <p>Evaluate the influence of Georgia-based businesses on State's economic growth &amp; development.</p> <p>Evaluate the impact of European Exploration/Settlement on American Indians in Georgia.</p> <p>Analyze the colonial period of Georgia's history.</p> <p>Analyze the role of Georgia in the American Revolutionary.</p>