

UNDERSTANDING YOUR CHILD'S REPORT CARD



SY 2020-2021

8th Grade Physical Science | First Nine Weeks

LEARNING GUIDES

What will my child learn?

English Language Arts	Mathematics	Science	Social Studies
<p>All students should know and/or be able to:</p> <p>Determine theme or central idea of a text and analyze its development.</p> <p>Determine the relationship of theme 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>Write narratives to develop real or imagined experiences/events using techniques, details, and sequencing.</p> <p>Explain the function of verbals (gerunds, participles, infinitives).</p> <p>Use verbs in active and passive voice to achieve particular effects.</p> <p>Distinguish among connotations (associations) of words with similar denotations (definitions) (e.g., bullheaded, willful).</p> <p>Communicate and work with peers and adults about what they read and write.</p>	<p>All students should know and/or be able to:</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 & negative numbers on a number line).</p> <p>Transformations of geometric shapes on the coordinate plane.</p> <p>Identify figures with the same shape & size and determine the value of sides and angles.</p>	<p>All students should know and/or be able to:</p> <p>Analyze the motion of an object using mathematical and graphical models.</p> <p>Use evidence to support Newton's three laws of motion.</p> <p>Identify the relationship between mass and gravitational force for falling objects.</p> <p>Use mathematics and computational thinking to identify the relationships between work, mechanical advantage, and simple machines.</p> <p>Explain energy transformations within a system.</p> <p>Describe and analyze how molecular motion relates to thermal energy changes in terms of conduction, convection, and radiation.</p> <p>Analyze and interpret specific heat data to justify the selection of a material for a practical application.</p> <p>Analyze and interpret data to explain the flow of energy during phase changes using heating/cooling curves.</p>	<p>All students should know and/or be able to:</p> <p>Describe Georgia's geography and climate.</p> <p>Explain how the transportation systems of Georgia contribute to development & growth of state's economy.</p> <p>Evaluate influence of Georgia-based businesses on State's economic growth & 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 War.</p>

UNDERSTANDING YOUR STUDENT'S REPORT CARD



SY 2020-2021

Middle School | First Nine Weeks

LEARNING GUIDES

What will my student learn?

Health	PE	World Languages/Spanish I
<p>Students will:</p> <ul style="list-style-type: none"> Analyzes the influence of family, peers, culture, media, technology, and other factors on health behaviors. Demonstrates the ability to use decision-making skills to enhance health. Applies strategies and monitors progress in achieving personal health goal. Demonstrates the ability to practice health-enhancing behaviors and avoid or reduce health risks. Demonstrates the ability to influence and support others in making positive health choices. 	<p>Students will:</p> <ul style="list-style-type: none"> Demonstrate a variety of motor skills and movement patterns Apply the knowledge of concepts, principles, strategies, and tactics related to movement and performance. Demonstrate a health-enhancing level of physical activity and fitness. Exhibit responsible personal and social behavior that respects self and others in physical activity settings. Recognize the value of physical activity for health, enjoyment, challenge, self-expression, and/or social interaction. 	<p>Students will:</p> <p>(Conn. Spanish: Semester; Spanish-I Yr. Long)</p> <ul style="list-style-type: none"> Greet, respond to greetings, and say farewells. Demonstrate basic geographical knowledge of the target countries. Talk about and describe cultural customs and traditions of target countries. Use cognates to expand knowledge of the target language. Recognize the similarities and differences of English grammar and grammar target language. Ask simple questions and provide simple answers in the present tense. Understand and communicate in simple oral and written statements learned for specific. Compare childhood games, stories, or rhymes to those in the target language and culture.

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What will my student learn?

Performing Arts (Band, Chorus, Orchestra)

Students will:

- Perform/Sing a varied repertoire of music, alone and with others.
- Read and notate music.
- Read and identify elements of notated music.
- Demonstrate an understanding of the relationships between music, other arts and disciplines outside the arts.
- Demonstrate proper warm-up techniques.

Visual Arts

Students will:

- Use mental and visual imagery to visualize and connect new ideas to establish personal artistic voice.
- Produce original two-dimensional artworks using a variety of media
- Demonstrate quality craftsmanship through proper care and use of tools, materials, and equipment.
- Organize the elements of art using the principles of design to compose original works.
- Keep an ongoing visual, verbal record to explore and develop works of art.
- Examine and evaluate the presence and meaning of visual art in the community.

CTAE

Students will:

- Communicate effectively through writing, speaking, listening, reading, and interpersonal skills.
- Demonstrate creativity by asking challenging questions.
- Present a professional appearance through appearance, behavior, and language.