

CURRICULUM MAP

Subject: Earth & Space Science 2<sup>nd</sup> Quarter Grade: 5<sup>th</sup>

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| Month<br>Oct/ Nov/ Dec/<br>Jan. | WEEK 1 and 2  | WEEK 3 and 4  | WEEK 5  | WEEK 6  | WEEK 7  | WEEK 8 and 9  |
|---------------------------------|---|---|---|---|---|---|
| Concept                         | <p><b>GDOE</b><br/>Standard 4: Earth and Space Science<br/>Students will be able to explain how elements can shape and change Earth's appearance over time.<br/>5.4.1 Using existing theories, explain how the Earth has been shaped and changed over time.</p> <p><b>SAT</b></p> <ul style="list-style-type: none"> <li>◆ Make a prediction based on given characteristics of Earth's crust.</li> <li>◆ Apply an understanding of organisms on erosion</li> <li>◆ Apply an understanding of the cause of common landforms.</li> </ul>    | <p><b>GDOE</b><br/>Standard 1: Earth and Space Science<br/>5.4.2 Explain the relationship Between oceans, weather, and climate and how these changes affect the Earth.</p> <p><b>SAT</b></p> <ul style="list-style-type: none"> <li>◆ Make a prediction based on given characteristics of Earth's crust.</li> <li>◆ Apply an understanding of the cause of common landforms.</li> <li>◆ Analyze data of weather conditions given in a graph.</li> </ul> | <p><b>GDOE</b><br/>Standard 4: Earth and Space Science<br/>5.4.3 Demonstrate and explain the use of stratification of rocks as a change</p> <p><b>SAT</b></p> <ul style="list-style-type: none"> <li>◆ Apply an understanding of soil composition.</li> <li>◆ Make a prediction based on given characteristics of Earth's crust.</li> </ul> | <p><b>GDOE</b><br/>Standard 4: Earth and Space Science<br/>Students will be able to explain how elements can shape and change Earth's appearance over time.<br/>5.4.4 Observe and describe that stars come in different sizes, brightness, and colors</p> <p><b>SAT</b></p> <ul style="list-style-type: none"> <li>◆ Make a prediction based on given characteristics of Earth's crust.</li> <li>◆ Use a model to infer the effects of the sun on Earth.</li> <li>◆ Use observation skills to make inferences about objects in the solar system.</li> </ul> | <p><b>GDOE</b><br/>Standard 4: Earth and Space Science<br/>Students will be able to explain how elements can shape and change Earth's appearance over time.<br/>5.4.5 Build a model of the solar system showing the 8 planets and their relative position and size in relation to the sun.</p> <p><b>SAT</b></p> <ul style="list-style-type: none"> <li>◆ Make a prediction based on given characteristics of Earth's crust.</li> <li>◆ Use observation skills to make inferences about objects in the solar system.</li> </ul> | <p><b>GDOE</b><br/>Standard 4: Earth and Space Science<br/>Students will be able to explain how elements can shape and change Earth's appearance over time.<br/>5.4.6 Demonstrate that Earth's gravity pulls any object toward it without touching it.</p> <p><b>SAT</b></p> <ul style="list-style-type: none"> <li>◆ Make a prediction based on given characteristics of Earth's crust.</li> <li>◆ Identify the an effect of the force of gravity on Earth.</li> </ul> |
| Common Core State Standard      | <p>5.RI.10 By the end of the year, read and comprehend informational texts, including soc. St., sci., and technical texts, at the high end of the grades 4-5 text complexity band independently and proficiently.</p> <p>5.W.2a Write informative/ explanatory texts to examine a topic and convey ideas and information clearly.<br/>a. Intro. A topic clearly provide a general observation and focus, and group related information logically; include formatting, illustrations, and multimedia when useful to aid comprehension.</p> | <p>5.W.4 Produce clear and coherent writing in which the development and organization are approp. To task , purpose, and audience.</p> <p>5.W.5 With guidance and support from peers and adults, develop an strengthen writing as needed by planning, revising, editing, rewriting or trying a new approach.</p>  | <p>5.W.8 Recall relevant information from experiences or gather relevant information from print and digital sources; summarize or paraphrase information in notes and finished work, and provide a list of sources.</p>   | <p>5.RI.2 Determine 2 or more main ideas of a text and explain how they are supported by key details; summarize the text.</p> <p>5.W.7 Conduct short research Projects that use several sources to build knowledge through investigation of different aspects of a topic.</p>   | <p>5.RI.5 Compare and contrast the overall structure of events, ideas, concepts, or information in two or more texts.</p>   | <p>5.RI.7 Draw on information from multiple prints or digital sources, demonstrating the ability to locate an answer to a question quickly or to solve a problem efficiently.</p>   |
| Skill                           | <ul style="list-style-type: none"> <li>• Describe the different processes that change landforms.</li> <li>• Identify the agents that cause</li> </ul>   | <ul style="list-style-type: none"> <li>• Describe the factors that affect weather</li> <li>• Explain the wind causes.</li> </ul>  | <ul style="list-style-type: none"> <li>• Explain how minerals form.</li> <li>• Identify the different types of rocks</li> </ul>   | <ul style="list-style-type: none"> <li>• Describe the importance of the sun.</li> <li>• Describe the life cycle of the</li> </ul>   | <ul style="list-style-type: none"> <li>• Compare and contrast characteristics between the Earth and the Moon.</li> </ul>  | <ul style="list-style-type: none"> <li>• Identify the different types of forces.</li> <li>• Explain the relationship</li> </ul>   |

