

Science: Grade Three

<p>Standard #1 Scientific Investigation Students applied the process of scientific investigation and design, conducted, communicated about, and evaluated investigation.</p>	<p style="text-align: center;">Description</p> <p>Third grade science focuses study on water, its forms and stages and the water cycle; matter and its various properties and forms, results of the Earth's rotation on its axis around the sun; and delves deeper into the scientific method and scientific investigations.</p>			
<p>Standard # 2 Physical Science Students understood common properties, forms and changes in matter and energy.</p>				
<p>Standard #3 Life Science Students understood the characteristics and structure of living things, the processes of life, and how living things interact with each other and their environment.</p>				
<p>Standard # 4 Earth and Space Science Students understood the processes and interactions of Earth's systems and the structure and dynamics of Earth and other space objects.</p>			<p>Time Allocation Fifty minutes 3 to 4 times a week for the months of October, November, December, and January</p>	<p>Assessments</p> <p>Matter</p> <ul style="list-style-type: none"> • 3 Big Tens – Scientific Write ups <ul style="list-style-type: none"> ○ Fizzy Tabs ○ Baking Soda / Vinegar / Balloon ○ Diet Coke and mentos • States of matter collage • Properties worksheets – solids and liquids • Final Test <p>Water</p> <ul style="list-style-type: none"> • 2 Big Tens – Scientific Write ups <ul style="list-style-type: none"> ○ Liquid density ○ Drops of water on a penny • Water Test • Water Dance Poem <ul style="list-style-type: none"> • Simple Machines • 2-3 Big Tens • Simple Machine Portfolio
<p>Texts/References <u>Accent on Science</u> <u>The Magic School Bus at the Waterworks</u> <u>Understanding Water Activity Book</u> <u>Foss Science Stories in Water and Matter</u> <u>The Water Dance</u> for poetry integration <u>The Way Things Work</u></p>				
<p>Themes /Topics Matter and Scientific Investigation Water Cycle Simple Machines</p>				
<p>Grades and Achievement Levels Grades are based on class participation, completion of assignments, and projects. The rating is based upon the student's attainment of the grade level expectations.</p>				
<p>Standard # 5 Scientific Method Students understood that the nature of science involves a particular way of building knowledge and making meaning of the natural world.</p>				