

How The World Works –A Cup of Clean Water

ELA Standards	<p>LAFS.5.RI.1. Determine two or more main ideas of a text and explain how they are supported by key details; summarize the text.</p> <p>LAFS.5.RI.2.5 Compare and contrast the overall structure (e.g., chronology, comparison, cause/effect, problem/solution) of events, ideas, concepts, or information in two or more texts.</p> <p>LAFS.5.RI.3.7 Draw on information from multiple print or digital sources, demonstrating the ability to locate an answer to a question quickly or to solve a problem efficiently.</p> <p>LAFS.5.W.3.7 Conduct short research projects that use several sources to build knowledge through investigation of different aspects of a topic.</p> <p>LAFS.5.SL.1.2 Summarize a written text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally.</p> <p>LAFS.5.L.2.3 Use knowledge of language and its conventions when writing, speaking, reading, or listening.</p> <ul style="list-style-type: none">a. Expand, combine, and reduce sentences for meaning, reader/listener interest, and style.b. Compare and contrast the varieties of English (e.g., <i>dialects, registers</i>) used in stories, dramas, or poems.
Math Standards	<p>MAFS.5.MD.1.1 Convert among different-sized standard measurement units (i.e., km, m, cm; kg, g; lb, oz.; l, ml; hr, min, sec) within a given measurement system (e.g., convert 5 cm to 0.05 m), and use these conversions in solving multi-step, real world problems.</p> <p>MAFS.5.MD.2.2 Make a line plot to display a data set of measurements in fractions of a unit ($\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{8}$). Use operations on fractions for this grade to solve problems involving information presented in line plots. <i>For example, given different measurements of liquid in identical beakers, find the amount of liquid each beaker would contain if the total amount in all the beakers were redistributed equally.</i></p> <p>MAFS.5.MD.3.4 Measure volumes by counting unit cubes, using cubic cm, cubic in, cubic ft, and improvised units.</p> <p>MAFS.5.G.1.1 Use a pair of perpendicular number lines, called axes, to define a coordinate system, with the intersection of the lines (the origin) arranged to coincide with the 0 on each line and a given point in the plane located by using an ordered pair of numbers, called its coordinates. Understand that the first number indicates how far to travel from the origin in the direction of one axis, and the second number indicates how far to travel in the direction of the second axis, with the convention that the names of the two axes and the coordinates correspond (e.g., x-axis and x-coordinate, y-axis and y-coordinate).</p>

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	<p>MAFS.5.G.1.2 Represent real world and mathematical problems by graphing points in the first quadrant of the coordinate plane, and interpret coordinate values of points in the context of the situation.</p> <p>MAFS.5.G. 2.3 Understand that attributes belonging to a category of two-dimensional figures also belong to all subcategories of that category. <i>For example, all rectangles have four right angles and squares are rectangles, so all squares have four right angles.</i></p> <p>MAFS.5.G.2.4 Classify and organize two-dimensional figures into Venn diagrams based on the attributes of the figures.</p>
<p>Science Standards</p>	<p>SC.5.E.7.4 Distinguish among the various forms of precipitation (rain, snow, sleet, and hail), making connections to the weather in a particular place and time.</p> <p>SC.5.E.7.5 Recognize that some of the weather-related differences, such as temperature and humidity, are found among different environments, such as swamps, deserts, and mountains.</p> <p>SC.5.E.7.6 Describe characteristics (temperature and precipitation) of different climate zones as they relate to latitude, elevation, and proximity to bodies of water.</p> <p>SC.5.E.7.7 Design a family preparedness plan for natural disasters and identify the reasons for having such a plan.</p> <p>SC.5.L. 15.1 Describe how, when the environment changes, differences between individuals allow some plants and animals to survive and reproduce while others die or move to new locations.</p> <p>SC.5.L. 17.1 Compare and contrast adaptations displayed by animals and plants that enable them to survive in different environments such as life cycles variations, animal behaviors and physical characteristics.</p>
<p>Social Studies Standards</p>	<p>SS.5.A.3.3 Describe interactions among Native Americans, Africans, English, French, Dutch, and Spanish for control of North America.</p> <p>SS.5.A.5.1 Identify and explain significant events leading up to the American Revolution.</p> <p>SS.5.A.5.10 Examine the significance of the Constitution including its key political concepts, origins of those concepts, and their role in American democracy.</p> <p>SS.5.A.5.2 Identify significant individuals and groups who played a role in the American Revolution.</p> <p>SS.5.C.1.1 Explain how and why the United States government was created.</p> <p>SS.5.C.1.2 Define a constitution, and discuss its purposes.</p> <p>SS.5.C.1.3 Explain the definition and origin of rights.</p> <p>SS.5.C.1.4 Identify the Declaration of Independence's grievances and Articles of Confederation's weaknesses.</p> <p>SS.5.C.1.5 Describe how concerns about individual rights led to the inclusion of the Bill of Rights in the U.S. Constitution.</p> <p>SS.5.C.1.6 Compare Federalist and Anti-Federalist views of government.</p> <p>SS.5.E.2.1 Differentiate political ideas of Patriots, Loyalists, and "undecideds" during the American Revolution.</p> <p>SS.5.C.2.2 Compare forms of political participation in the colonial period to today.</p>

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SS.5.C.2.3 Analyze how the Constitution has expanded voting rights from our nation's early history to today.

SS.5.C.3.3 Give examples of powers granted to the federal government and those reserved for the states.

SS.5.C.3.4 Describe the amendment process as defined in Article V of the Constitution and give examples.

SS.5.C.3.5 Identify the fundamental rights of all citizens as enumerated in the Bill of Rights.

SS.5.C.3.6 Examine the foundations of the United States legal system by recognizing the role of the courts in interpreting law and settling conflicts.

SS.5.G.2.1 Describe the push-pull factors (economy, natural hazards, tourism, climate, physical features) that influenced boundary changes within the United States.

SS.5.G.3.1 Describe the impact that past natural events have had on human and physical environments in the United States through 1850.