

Curriculum Map

	September	October	November	December
Unit Title/Theme Essential Question	*Getting Ready for Science/	<p>Unit C Processes That Change the Earth</p> <p>Earth is constantly changed by processes that occur on and within its crust, in its atmosphere, and on and within its waters. These processes produce rocks and minerals. Fossils are found in certain rock and provide information about changes in living organisms over time. Earth's resources are used by the organisms on Earth in order to meet their needs.</p>	<p>Unit D Cycles on Earth and in Space</p> <p>Cycles on Earth and in space are affected by the interactions of the nonliving components of the systems that comprise them. The Planets, the sun, and other celestial bodies interact to form the solar system.</p>	<p>Unit E Matter and Energy</p> <p>All matter is made up of basic units and has predictable physical and chemical properties. Energy causes changes in the states of matter. Thermal energy, sound, and light interact with matter to provide practical applications for humans.</p>
Related Literature	See correlated Leveled Readers			

<p>Skills and Three Specific Literacy Strategies</p>				
<p>Content (include specific vocabulary)</p>	<p>Experiment, Scientific method, Microscope, Balance, Investigation Inquiry</p> <p>e</p> <p>*</p>	<p>Mineral, Streak, Luster, Hardness, Rock, Igneous rock, Deposition, Sedimentary rock, Metamorphic rock, Weathering Erosion, Rock Cycle</p> <p>Fossil, Mold, cast, index fossil Paleontology</p> <p>Landform , topography, Glacier, Sand dune, Delta, Sinkhole, Plate, Earthquake, Epicenter, Fault, Magma, Lava Volcano</p> <p>Renewable resource, Nonrenewable resource, Pollution, conservation</p>	<p>Atmosphere, Troposphere, Air pressure, Local wind, Prevailing wind, Water cycle, Evaporation, Condensation, Humidity, Precipitation, Air mass, Front, Climate</p> <p>Salinity, Water pressure, Continental shelf, Continental slope, Abyssal plain, Wave, Current, Tide, Shore, Headland, Tide pool, Jetty</p> <p>Sun, Rotate, Axis, Revolve, Orbit Equator, Moon, Crater, Moon phase, Eclipse, Refraction, Star, Solar system, planet, universe, galaxy</p>	<p>Volume, atom, molecule, nucleus, element, periodic table, physical change, density, mixture, solution, combustibility, reactivity,</p> <p>Energy, kinetic energy, potential energy, energy transfer, solar energy, light, chemical energy, mechanical energy, electric energy, heat, system, conduction, convection, reflection, radiation</p> <p>Electricity, electromagnet, static electricity, electric current, current electricity, conductor, insulator, electric circuit, series circuit, parallel circuit</p> <p>Vibration, volume, pitch, frequency, reflection, opaque, translucent, transparent, refraction, convex lens, concave lens</p>

Assessments				
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Teacher's Name _____ School _____ Grade Level/Course _____ Year _____

Curriculum Map

	January	February	March	April
Unit Title/Theme Essential Question	Finish Unit E	Unit F Forces and Motion The interaction of forces causes a change in the motion of objects. Energy, the ability to change matter, exists in many forms.	Finish Unit F	Unit A Processes of Living Things All living things are made up of cells. Cells contain structures that carry out all life functions. In multicellular organisms, such as humans, body systems interact to carry out life functions.
Related Literature				

<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Content (include specific vocabulary)</p>		<p>Force, friction, gravity, gravitational force, magnetic, magnetism, balanced forces, unbalanced forces, net force buoyant force, work, simple machine, lever, fulcrum, wheel-and-axle, pulley, inclined plane</p> <p>Position, speed, velocity, acceleration, inertia</p>		<p>Cell, microscopic, organism, cell membrane, nucleus, cytoplasm, protist, tissue, organ, organ system, digestive system, circulatory system, respiratory system, skeletal system, muscular system, nervous system, excretory system</p> <p>Classification, kingdom, species, vertebrate, invertebrate</p> <p>Vascular tissue, xylem, phloem, photosynthesis, spore, gymnosperm, angiosperm, germinate</p> <p>Life cycle, mitosis, chromosome, inherited trait, dominant trait, recessive trait, gene, instinct, learned behavior, environment</p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Skills and Three Specific Literacy Strategies</p>				
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Assessments</p>				

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Curriculum Map

	May	June		
Unit Title/Theme	Finish Unit A	Unit B Interactions Among Living Things Life on Earth is diverse and interrelated. Living things interact with each other and with their physical environment. The sun is the source of energy for all living systems.		
Related Literature				
Content (include specific vocabulary)		Transpiration, photosynthesis, chlorophyll, producer, consumer, ecosystem, herbivore, carnivore, food chain, decomposer, food web, energy pyramid Population, community, competition, adaptation, symbiosis, predator, prey, succession, extinction, pollution, acid rain, habitat, conservation, reclamation		
Skills				

Assessments				
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