

Elementary: Our elementary students experience two science and two social science units of instruction each year.

Kindergarten				
	Social Science	Science	Science	Social Science
	My Team and Self	Humans and the Needs of Organisms	Using Force to Change Motion	Past, Present, and Future
	How can we unite to build a powerful class community?	What do animals need in order to survive? How are animals classified by what they eat? What do plants need in order to survive? How do humans have negative and positive impacts on the environment?	How can we change an object's motion? How do scientists communicate their findings?	How can we use wisdom from the past to build a better future?
Focus Topics	<ul style="list-style-type: none"> • Who am I? • What powers do I have that contribute to my learning and my classroom community? • How do our differences make our class community powerful? • How does working together make us a powerful class team? 	<ul style="list-style-type: none"> • Animal Needs • Plant Needs • Reducing Human Impact 	<ul style="list-style-type: none"> • Pushes and Pulls • Speed and Direction 	<ul style="list-style-type: none"> • How is time a part of every story? • How can we make sense of time passing? • How can we share what happens over time with others? • How can we learn from our own and others' experiences over time to impact our future?

Grade 1

	Science	Science	Social Science	Social Science
	Design From Nature	Patterns in the Sky	Our Special Location	Families Near and Far
	<p>How do animals use their external parts to survive?</p> <p>How do animals respond to their environment to meet their needs?</p> <p>How do plants use their external parts to survive?</p> <p>How do plants respond to their surroundings to meet their needs?</p>	<p>How do different times of a day impact everyday choices?</p> <p>How do you know that the sun will rise and set tomorrow?</p>	<p>How can we help others appreciate our special location?</p>	<p>How can we bring families together to form a stronger community?</p>
Focus Topics	<ul style="list-style-type: none"> ● Parts of Animals ● Animal Survival ● Parts of Plants ● Plant Survival 	<ul style="list-style-type: none"> ● Seasonal Patterns ● Patterns in Space 	<ul style="list-style-type: none"> ● How can we show others where we are? ● How does the environment shape life here? ● How does our community meet our needs and wants? ● How do people make our community special? 	<ul style="list-style-type: none"> ● How are families similar and different? ● Why are traditions important? ● How can family members take care of one another? ● How does diversity strengthen our community?

Grade 2

	Social Science	Science	Social Science	Science
	Meeting Needs and Wants	Organisms Needs and Interactions	Our Changing Landscape	Communicating with Light and Sound
	How can we help our community work together to meet its needs?	What do plants need to grow? How do plants depend on animals? Can a plant or animal be found in more than one habitat?	How can we respond to our changing landscape?	How do we make sounds? How does light affect what we see? How can we use light and sound for communication?
Focus Topics	<ul style="list-style-type: none"> ● Why can't I have everything I want? ● How do community producers meet our needs and wants? ● How do we make tough choices when spending money? ● How does a community meet our collective needs? 	<ul style="list-style-type: none"> ● What Plants Need ● Animal and Plant Dependence ● Diversity of Living Things 	<ul style="list-style-type: none"> ● What are geographic features and how might they change over time? ● How do people depend on the environment to meet their needs? ● What are the impacts of human modifications to the landscape? ● How can people respond to problems in a changing landscape? 	<ul style="list-style-type: none"> ● Sound ● Behavior of Light ● Communication

Grade 3

	Social Science	Social Science	Science	Science
	Migration and Movement	The 20th Century Civil Rights Movement	Dealing with Hazardous Weather Worldwide	Environments and the Traits of Organisms
	How can we honor and respect our many cultures?	How can we take steps toward equality and justice?	How can we make predictions about weather? How do we protect ourselves from hazardous weather?	Why do offspring look similar but not exactly like their parents? How can the environment affect an organism's traits? Why do plants and animals live in certain places and their environments change?
Focus Topics	<ul style="list-style-type: none"> • What happens when you leave your home for a new place? • What timeless themes exist across stories of immigration? • How do we stay true to who we are when things around us change? • How does multiculturalism enrich our communities? 	<ul style="list-style-type: none"> • Who or what protects equality? • How have people in the past taken steps toward equality and justice? • Who plays a role in bringing about change? • How are young people today taking steps toward equality and justice? 	<ul style="list-style-type: none"> • Weather and Climate • Processes and Impacts of Natural Hazards 	<ul style="list-style-type: none"> • Inheritance and Variation of Traits • Environmental Traits • Adaptations • Environmental Changes

Grade 4

Social Science	Science	Science	Social Science
Our State's History	Matter and Energy Flow in Ecosystems	Using Energy Transformations	Economic Choices
How can we help tell the story of our state?	<p>How do animals depend on the sun?</p> <p>What do plants need in order for them to grow?</p> <p>Do all organisms eat plants?</p> <p>Can plants live without air?</p> <p>How do organisms interact with nonliving things in their environment?</p>	<p>What is energy? How does energy transfer?</p> <p>How does energy transfer when objects collide?</p> <p>How are speed and energy related?</p> <p>How is stored energy used?</p>	How can we make economic choices that have positive impacts?
Focus Topics	<ul style="list-style-type: none"> ● Energy Transfer ● Matter and Energy in Plants ● Food Webs ● Matter Cycles ● Ecosystems 	<ul style="list-style-type: none"> ● Energy Transfer and Electric Currents ● Transfer of Energy in Collision ● Energy and Speed ● Using Stored Energy 	<ul style="list-style-type: none"> ● How do the parts of an economy work together? ● How do producers both shape and reflect their communities? ● How can we make economic choices? ● How do people work toward economic goals?

Grade 5

Grade 5				
	Science	Science	Social Science	Social Science
	Interactions in Matter	Human Impact on Earth's Systems	The Thirteen Colonies	American Revolution and Rights & Responsibilities
	<p>How do we know matter exists, even if it cannot be seen?</p> <p>How can we identify an unknown substance?</p> <p>Can matter just disappear?</p> <p>Do we ever create new substances?</p>	<p>How do the organisms, land, air, and water interact in an environment?</p> <p>How much of Earth's surface is covered by water?</p> <p>How do our actions affect the environment? What can we do to reduce those effects?</p>	<p>How can facing the complexities of America's past help us to meet the challenges of the present?</p>	<p>How can we promote life, liberty, and the pursuit of happiness for all?</p> <p>How can we contribute to a healthy democracy?</p>
Focus Topics	<ul style="list-style-type: none"> ● Matter is Everywhere ● Properties of Matter ● Changes to Matter ● Mixtures 	<ul style="list-style-type: none"> ● Earth's Systems Interactions ● Water Sources ● Reducing Human Footprint 	<ul style="list-style-type: none"> ● What did the so-called New World represent for Native Americans, Africans, and Europeans? ● How do cooperation and conflict affect the survival of a community? ● How did culture, geography, and economics shape the development of different colonial regions? ● How did social structures impact people in colonial America? 	<ul style="list-style-type: none"> ● Revolution and Revolutionary ● What sparks a revolution? ● What contributes to success? ● How is our government designed? ● Do rules give us freedom?