

Hubbell Elementary – Program of Inquiry – 2021-2022

	<p>Who We Are</p> <p><i>An inquiry into the nature of the self; beliefs and values; personal, physical, mental, social, and spiritual health; human relationships including families, friends, communities and cultures; rights and responsibilities; what it means to be human.</i></p>	<p>Where We Are In Place And Time</p> <p><i>An inquiry into orientation in place and time; personal histories; homes and journeys; the discoveries, explorations and migrations of humankind; the relationships between and the interconnectedness of individuals and civilizations, from local and global perspectives.</i></p>	<p>How We Express Ourselves</p> <p><i>An inquiry into the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values; the ways in which we reflect on, extend and enjoy our creativity; our appreciation of the aesthetic.</i></p>	<p>How The World Works</p> <p><i>An inquiry into the natural world and its laws; the interaction between the natural world (physical and biological) and human societies; how humans use their understanding of scientific principles; the impact of scientific and technological advances on society and on the environment.</i></p>	<p>How We Organize Ourselves</p> <p><i>An inquiry into the interconnectedness of human-made systems and communities; the structure and function of organizations; societal decision-making; economic activities and their impact on humankind and the environment.</i></p>	<p>Sharing The Planet</p> <p><i>An inquiry into rights and responsibilities in the struggle to share finite resources with other people and other living things; communities and the relationships within and between them; access to equal opportunities; peace and conflict resolution.</i></p>
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<p>Kdg</p> <p>Central Idea: Personal Choices may shape relationships</p> <p>Key Concepts: form, reflection, change</p> <p>Related Concepts: choices, relationships</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Personal Choices • Reflecting on personal choices • The impact of choices on relationships <p>Sept./Oct K WWA</p>	<p>N/A</p> <p>K WWPT</p>	<p>Central Idea: Creativity may strengthen communication.</p> <p>Key Concepts: form, function, change</p> <p>Related Concepts: communication, creativity</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • How people use creativity • How to communicate creativity • Ways creativity impacts others <p>Yearlong K HWEO</p>	<p>Central Idea: Problem solving may be facilitated by using experimentation and communication.</p> <p>Key Concepts: function, causation, connection</p> <p>Related Concepts: experimentation, communication</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • What scientists do • How people solve problems • How people work together <p>Nov/Dec K HWW</p>	<p>Central Idea: Reusing materials may protect limited resources.</p> <p>Key Concepts: form, function, change</p> <p>Related Concepts: environment, resources</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Everyday uses of limited resources and materials • Changing properties of limited resources • Reusing of materials for different purposes <p>March/April K HWOO</p>	<p>Central Idea: Living things compete to survive in different environments.</p> <p>Key Concepts: form, connection, responsibility</p> <p>Related Concepts: environment</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Our needs and the needs of other living things • How living things react to their environment • Our responsibility for the well-being of other living things <p>April/May K STP</p>
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<p>1st</p>	<p>Central Idea: Identity develops through an awareness and discovery of characteristics</p> <p>Key Concepts: form, connection, perspective</p> <p>Related Concepts: identity, discovery</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • How do people and animals use their identity • What makes a person a person and an animal an animal • How do we express ourselves with our identity <p>Feb/Mar 1 WWA</p>	<p>Central Idea: Our community's present and future is transformed by the discovery of its past.</p> <p>Key Concepts: form, function, connection, change</p> <p>Related Concepts: community, history</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • History across bird communities • Ways to help bird communities. • How a bird community's past impacts its future <p>Dec/Jan 1 WWPT</p>	<p>Central Idea: People can use observation and learn about nature and express their ideas in many forms</p> <p>Key Concepts: causation, change, perspective, form</p> <p>Related Concepts:</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • What is nature • Different forms of observation • expression <p>November/December 1 HWEO</p>	<p>Central Idea: Tools have a range of properties and applications</p> <p>Key Concepts: form, causation, connection</p> <p>Related Concepts: application, tools</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • What is a tool • How tools make our lives easier • How tools help us create things. <p>August/Sept 1 HWW</p>	<p>Central Idea: Interdependence within a community is impacted by the roles people play.</p> <p>Key Concepts: function, causation, connection</p> <p>Related Concepts: community, interdependence</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • The purpose of communities • The impact of roles/leadership on communities • The connection between home, school, and community <p>October/November 1 HWOO</p>	<p>Central Idea: Actions and choices may lead to peaceful resolutions of conflict.</p> <p>Key Concepts: causation, perspective, responsibility</p> <p>Related Concepts: conflict, diversity, justice</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Causes of conflict • Conflict resolution and management • Living and working together with conflict <p>All year 1 STP</p>
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<p>2ND</p>	<p>Central Idea: Leaders may inspire change in the rights and responsibilities of societies.</p> <p>Key Concepts: connection, perspective, change</p> <p>Related Concepts: rights, values, history</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Recognizing leadership characteristics in ourselves and others Connections among leaders and activists How leadership influences change <p>Mar./April 2 WWA</p>	<p>Central Idea: Geography may influence how people experience their place in the world.</p> <p>Key Concepts: form, function, change</p> <p>Related Concepts: geography, interaction</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Types of geographical features and their properties Using maps to determine our place in the world Processes that shape the Earth <p>Oct./Nov. 2 WWPT</p>	<p>Central Idea: We can communicate and express ourselves in different ways.</p> <p>Key Concepts: form, causation, perspective</p> <p>Related Concepts: Communication, structure</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> People discover expression in many forms through explorations and experience Our personal experience may influence the way we communicate with others Individuals have diverse perspectives and appreciation of the arts <p>Jan/Feb 2 HWEO</p>	<p>Central Idea: Cycles may contribute to the survival of living things</p> <p>Key Concepts: form, change, causation</p> <p>Related Concepts: cycle, growth, impact</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Differences and similarities between varying life cycles Connection between food chains and survival How our choices impact life cycles and the food chain <p>Nov./Dec. 2 HWW</p>	<p>Central idea: Citizens are impacted by the structure of a community.</p> <p>Key Concepts: form, function, perspective</p> <p>Related Concepts: relationship, community, structure</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Ways communities are structured Exchange of goods and services Globally our needs are the same but our wants may differ Citizens may influence a community <p>Aug./Sept.. 2 HWOO</p>	<p>Central Idea: People interact with and value the natural environment in different ways.</p> <p>Key Concepts: causation, perspective, responsibility</p> <p>Related Concepts: interaction</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Human use of the environment Human influence on the environment Human responsibilities in caring for the Earth <p>April/May 2 STP</p>
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<p>3rd</p>	<p>Central Idea: Communities are affected by our response to challenges.</p> <p>Key Concepts: causation, form, responsibility</p> <p>Related Concepts: choices, systems</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Recognizing personal and community challenges How challenges and communities influence possible responses How values impact responses 	<p>Central Idea: Opportunities and values are connected to reasons for migration.</p> <p>Key Concepts: change, causation, perspective</p> <p>Related Concepts: Location, exploration</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Reasons for migration Risks of migration Changes resulting from migration 	<p>Central Idea: Beliefs and values may be communicated through the interpretation of the arts.</p> <p>Key Concepts: function, causation, reflection</p> <p>Related Concepts: communication, influence</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> How personal and cultural history influences beliefs and values Appreciation of different perspectives Expression of our beliefs and values 	<p>Central Idea: People apply scientific knowledge to inquire about the natural world.</p> <p>Key Concepts: form, connection, perspective</p> <p>Related Concepts: process, force</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Forces and interactions How the scientific process is applied in our world How scientific knowledge affects societies 	<p>Central Idea: Economic activities may impact organisms and their environments.</p> <p>Key Concepts: change, perspective, reflection</p> <p>Related Concepts: community, citizenship</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Economic activities that impact nature Natural and human changes to the environment over time Human responsibility for solving environmental issues 	<p>Central Idea: Weather cycles impact resource availability.</p> <p>Key Concepts: function, change, responsibility</p> <p>Related Concepts: limited</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> How cycles work Access and availability of resources Responsibilities regarding limited resources
	<p>Aug/Sept 3 WWA</p>	<p>Mar/April 3 WWPT</p>	<p>Feb/Mar 3 HWEO</p>	<p>Dec/Jan 3 HWW</p>	<p>Oct/Nov 3 HWOO</p>	<p>Apr/May 3 STP</p>

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<p>4TH</p>	<p>Central Idea: A region is influenced by the culture of migrants.</p> <p>Key Concepts: connection, form</p> <p>Related Concepts: culture</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • An inquiry into regions of the United States • An inquiry into where large portions of culture settle. • An inquiry into contributions of cultures <p>Jan/Feb 4 WWA</p>	<p>Central Idea: Action against inequality can cause social change</p> <p>Key Concepts: function, connection, responsibility</p> <p>Related Concepts: equality</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • How people respond to inequality • How beliefs contribute to action or inaction • Taking action <p>Apr/May 4 WWPT</p>	<p>Central Idea: Creating and responding to the arts encourages appreciation and perspective.</p> <p>Key Concepts: form, reflection, perspective</p> <p>Related Concepts: creativity, communication</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Various forms of the arts • How people communicate through the arts • Responding to the arts <p>Oct & Dec/Jan 4 HWEO</p>	<p>Central Idea: Living things have structures to support survival.</p> <p>Key Concepts: form, change, causation</p> <p>Related Concepts: structure, organisms</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • An inquiry into the function of plants and animals' internal and external structures • An inquiry into how a living organism gains information about its surroundings • An inquiry into the role people play in preserving other organisms <p>Nov/Dec 4 HWW</p>	<p>Central Idea: Societies develop governing systems to organize citizens and resources.</p> <p>Key Concepts: function, connection, responsibility</p> <p>Related Concepts: structure, government</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • The structure and function of governing systems • Similarities and differences between governing systems • Rights and responsibilities of citizens <p>Mar/Apr 4 HWO</p>	<p>Central Idea: The availability of energy resources influences the quality of life.</p> <p>Key Concepts: connection, function, responsibility</p> <p>Related Concepts: energy</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • how energy is transferred • energy resources • the environmental impact of sources of energy <p>Sept/Oct. 4 STP</p>
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<p>5th</p>	<p>Central Idea: Rights and freedoms rely on differing beliefs</p> <p>Key Concepts: change, perspective, responsibility</p> <p>Related Concepts: rights, initiative, relationships</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Beliefs and values of different cultures • Treatment of people based on beliefs and values • How people gain rights and freedoms <p>Aug/Sept 5 WWA</p>	<p>Central Idea: Conflicts influence perspective</p> <p>Key Concepts: causation, connection, perspective</p> <p>Related Concepts: conflict, consequence, community</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • The ways in which events may be recognized locally and/or globally • How a significant event impacts a community • Why viewpoints differ about conflict <p>October/November 5 WWPT</p>	<p>Central Idea: People who take risks to express ideas and share their beliefs affect the world.</p> <p>Key Concepts: function, connection, responsibility, form, causation, change, reflections, perspective, responsibility</p> <p>Related Concepts: initiative, communication, point of view</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • The various ways to express ideas and beliefs • How the actions of one person can affect others • Risks and rewards that come with influential positions <p>Year Long Unit 5 HWE0</p>	<p>Central Idea: Discoveries lead to change within society</p> <p>Key Concepts: change, causation, reflection</p> <p>Related Concepts: transformation, impact, interpretation</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • The scientific process • Controlled experimentation • How scientific investigations can lead to new discoveries • Discoveries that impact the world <p>Jan/Feb 5 HWW</p>	<p>Central Idea: Disasters affect the economy</p> <p>Key Concepts: form, function, connection</p> <p>Related Concepts: interdependence, supply and demand</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • The ways goods and services are impacted by disaster • The ways marketplaces are impacted by disaster • The world of economics <p>April/May 5 HWO0</p>	<p>Central Idea: Biodiversity relies on balance within systems</p> <p>Key Concepts: causation, connection, responsibility</p> <p>Related concepts: diversity, systems</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • biodiversity • interactions impacting biomes and maintaining the balance • how changes in biomes affect the entire ecosystem <p>December/January 5 STP</p>
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