

Hubbell Elementary – Program of Inquiry – 2018-2019

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| | <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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| Kdg | <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>March/April</p> | <p>Central Idea: Communities need structures to help people interact with each other.</p> <p>Key Concepts: function, causation, responsibility</p> <p>Related Concepts: interaction, communities</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> How we organize ourselves for learning Ways people collaborate How people interact <p>Aug/Sept</p> | <p>Central Idea: Creativity may strengthen communication.</p> <p>Key Concepts: form, function, connection</p> <p>Related Concepts: communication, creativity</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> How authors and illustrators use creativity to strengthen a story How illustrators and text work together in a story Ways authors and illustrators communicate publicly <p>Jan/Feb</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</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>Oct/Nov</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</p> |
| 1st | <p>Central Idea: Self-identity develops through awareness of personal characteristics.</p> <p>Key Concepts: form, perspective, reflection</p> <p>Related Concepts: identity, relationships</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Physical, mental, and emotional characteristics Recognizing similarities and differences between myself and others Our families influence on us <p>Aug/Sept</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 states and countries Ways to discover a community's past How a community's past impacts its future <p>Oct/Nov</p> | <p>Central Idea: Celebrations connect beliefs and values of cultures.</p> <p>Key Concepts: form, connection, causation</p> <p>Related Concepts: beliefs/values, culture</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> How and why people celebrate Similarities and differences between celebrations How beliefs and values influence celebrations <p>April/May</p> | <p>Central Idea: Natural cycles and patterns impact living things.</p> <p>Key Concepts: function, change, connection</p> <p>Related Concepts: cycles, patterns</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Changes in natural cycles and patterns Relationships between natural cycles/patterns and living things Technologies used to inform us of natural cycles and patterns <p>March/April</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>Nov/Dec</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>Jan/Feb</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>Jan/Feb</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>Aug/Sept</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>Nov/Dec</p> | <p>Central Idea: All living things go through a process of change.</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>April/May</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 Different perspectives of needs and wants <p>Oct/Nov</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>March/April</p> |
| <p>3rd</p> | <p>Central Idea: Relationships are affected by our choices and actions.</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"> Social interactions How society influences our choices Responsibilities within relationships <p>March/April</p> | <p>Central Idea: Exploration and discovery lead to new understandings.</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"> The reasons for exploration (historical and personal) Risks of exploration and discovery Changes resulting from exploration <p>Aug/Sept</p> | <p>Central Idea: Images, text and sounds communicate ideas and information.</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 images, text and sound influence behavior How images, text and sound communicate Critical evaluation of ideas and information <p>April/May</p> | <p>Central Idea: People apply scientific knowledge to understand 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>Nov/Dec</p> | <p>Central Idea: Citizens respond to needs within a community.</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"> Recognizing needs in a community Responses to community needs Impact of actions citizens take <p>Jan/Feb</p> | <p>Central Idea: 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 Distribution and availability of resources Responsibilities regarding limited resources <p>Oct/Nov</p> |

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| <p>4TH</p> | <p>Central Idea: Geography affects the cultures that develop around it.</p> <p>Key Concepts: connection, form, reflection</p> <p>Related Concepts: geography</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Major geographic features How geographic features impact lives Key contributions to society from different ethnic groups <p>Oct/Nov</p> | <p>Central Idea: The availability of energy resources through history influences the quality of life.</p> <p>Key Concepts: function, responsibility, reflection</p> <p>Related Concepts: energy, conservation</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> How energy is transferred Energy resources through history The impact of choices now and in the past <p>Aug/Sept</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>April/May</p> | <p>Central Idea: Geological processes shape the earth and impact lives.</p> <p>Key Concepts: form, change, causation</p> <p>Related Concepts: geological processes</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Patterns of Earth's features Changes in a landscape over time Solutions to reduce the impacts of natural earth processes <p>Nov/Dec</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>Jan/Feb</p> | <p>Central Idea: Living things have structures to support survival.</p> <p>Key Concepts: causation, function, responsibility</p> <p>Related Concepts: organisms</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> The function of plants and animals' internal and external structures How a living organism gains information about its surroundings The role people play in preserving other organisms <p>March/April</p> |
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| 5 th | <p>Central Idea: People with differing beliefs may struggle for rights and freedoms..</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 • Civil rights movements <p>Oct/Nov</p> | <p>Central Idea: A community's response to events provides insight into the history and values of that community.</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 historical events may be recognized locally and/or globally • How a significant event impacts a community • Why viewpoints differ about significant events <p>Feb/March</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>March/April</p> | <p>Central Idea: Experimentation may lead to discoveries that transform 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 • Relationships between objects and events via controlled experimentation • How scientific investigations can lead to new discoveries • Discoveries that impact the world <p>May</p> | <p>Central Idea: Marketplaces depend on the ability to produce goods and supply services that can be exchanged.</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 exchanged • Types of marketplaces around the world • The world of work <p>Aug/Sept</p> | <p>Central Idea: Biodiversity relies on maintaining the 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"> • Interdependence of living things within ecosystems • Influence of environmental factors on ecosystems • How changes in biodiversity affect the entire ecosystem • How human interaction with the environment affects the balance of ecosystems <p>Dec/Jan</p> |
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