### Hubbell Elementary – Program of Inquiry – 2018-2019

<table>
<thead>
<tr>
<th>Grade</th>
<th>Central Idea</th>
<th>Key Concepts</th>
<th>Related Concepts</th>
<th>Lines of Inquiry</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Kdg</strong></td>
<td>Personal choices may shape relationships.</td>
<td>form, reflection, change</td>
<td>choices, relationships</td>
<td>Personal choices, Reflecting on personal choices, The impact of choices on relationships</td>
<td>March/April</td>
</tr>
<tr>
<td></td>
<td>Communities need structures to help people interact with each other.</td>
<td>function, causation, responsibility</td>
<td>interaction, communities</td>
<td>How we organize ourselves for learning, Ways people collaborate, How people interact</td>
<td>Aug/Sept</td>
</tr>
<tr>
<td></td>
<td>Creativity may strengthen communication.</td>
<td>form, function, connection</td>
<td>communication, creativity</td>
<td>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</td>
<td>Jan/Feb</td>
</tr>
<tr>
<td></td>
<td>Problem solving may be facilitated by using experimentation and communication.</td>
<td>function, causation, connection</td>
<td>experimentation, communication</td>
<td>What scientists do, How people solve problems, How people work together</td>
<td>Nov/Dec</td>
</tr>
<tr>
<td></td>
<td>Reusing materials may protect limited resources.</td>
<td>form, function, change</td>
<td>environment, resources</td>
<td>Everyday uses of limited resources and materials, Changing properties of materials for different purposes</td>
<td>Oct/Nov</td>
</tr>
<tr>
<td></td>
<td>Living things compete to survive in different environments.</td>
<td>form, connection, responsibility</td>
<td>environment</td>
<td>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</td>
<td>Apr/May</td>
</tr>
</tbody>
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### 1st

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<tr>
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<td>Self-identity develops through awareness of personal characteristics.</td>
<td>form, perspective, reflection</td>
<td>identity, relationships</td>
<td>Physical, mental, and emotional characteristics, Recognizing similarities and differences between myself and others, Our families influence on us</td>
<td>Aug/Sept</td>
</tr>
<tr>
<td>Our community’s present and future is transformed by the discovery of its past.</td>
<td>form, function, connection, causation</td>
<td>community, history</td>
<td>History across states and countries, Ways to discover a community’s past, How a community’s past impacts its future</td>
<td>Oct/Nov</td>
</tr>
<tr>
<td>Celebrations connect beliefs and values of cultures.</td>
<td>form, connection, causation</td>
<td>beliefs/values, culture</td>
<td>How and why people celebrate, Similarities and differences between celebrations, How beliefs and values influence celebrations</td>
<td>April/May</td>
</tr>
<tr>
<td>Natural cycles and patterns impact living things.</td>
<td>function, change, connection</td>
<td>cycles, patterns</td>
<td>Changes in natural cycles and patterns, Relationships between natural cycles/patterns and living things, Technologies used to inform us of natural cycles and patterns</td>
<td>March/April</td>
</tr>
<tr>
<td>Interdependence within a community is impacted by the roles people play.</td>
<td>function, causation, connection</td>
<td>community, interdependence</td>
<td>The purpose of communities, The impact of roles/leadership on communities, The connection between home, school, and community</td>
<td>Nov/Dec</td>
</tr>
<tr>
<td>Actions and choices may lead to peaceful resolutions of conflict.</td>
<td>causation, perspective, responsibility</td>
<td>conflict, diversity, justice</td>
<td>Causes of conflict, Conflict resolution and management, Living and working together with conflict</td>
<td>Jan/Feb</td>
</tr>
</tbody>
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Revised May 2018
| 2nd | **Central Idea:** Leaders may inspire change in the rights and responsibilities of societies.  
**Key Concepts:** connection, perspective, change  
**Related Concepts:** rights, values, history  
**Lines of inquiry**  
- Recognizing leadership characteristics in ourselves and others  
- Connections among leaders and activists  
- How leadership influences change  
**Jan/Feb** |  
| **Central Idea:** Geography may influence how people experience their place in the world.  
**Key Concepts:** form, function, change  
**Related Concepts:** geography, interaction  
**Lines of inquiry**  
- Types of geographical features and their properties  
- Using maps to determine our place in the world  
- Processes that shape the Earth  
**Aug/Sept** |  
| **Central Idea:** We can communicate and express ourselves in different ways.  
**Key Concepts:** form, causation, perspective  
**Related Concepts:** Communication, structure  
**Lines of inquiry**  
- 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  
**April/May** |  
| **Central Idea:** All living things go through a process of change.  
**Key Concepts:** form, change, causation  
**Related Concepts:** cycle, growth, impact  
**Lines of inquiry**  
- Differences and similarities between varying life cycles  
- Connection between food chains and survival  
- How our choices impact life cycles and the food chain  
**Nov/Dec** |  
| **Central Idea:** Citizens are impacted by the structure of a community.  
**Key Concepts:** form, function, perspective  
**Related Concepts:** relationship, community, structure  
**Lines of inquiry**  
- Ways communities are structured  
- Exchange of goods and services  
- Different perspectives of needs and wants  
**Oct/Nov** |  
| **Central Idea:** People interact with and value the natural environment in different ways.  
**Key Concepts:** causation, perspective, responsibility  
**Related Concepts:** interaction  
**Lines of inquiry**  
- Human use of the environment  
- Human influence on the environment  
- Human responsibilities in caring for the Earth  
**March/April** |  
| 3rd |  
| **Central Idea:** Relationships are affected by our choices and actions.  
**Key Concepts:** causation, form, responsibility  
**Related Concepts:** choices, systems  
**Lines of inquiry**  
- Social interactions  
- How society influences our choices  
- Responsibilities within relationships  
**March/April** |  
| **Central Idea:** Exploration and discovery lead to new understandings.  
**Key Concepts:** change, causation, perspective  
**Related Concepts:** Location, exploration  
**Lines of inquiry**  
- The reasons for exploration (historical and personal)  
- Risks of exploration and discovery  
- Changes resulting from exploration  
**Aug/Sept** |  
| **Central Idea:** Images, text and sounds communicate ideas and information.  
**Key Concepts:** function, causation, reflection  
**Related Concepts:** communication, influence  
**Lines of inquiry**  
- How images, text and sound influence behavior  
- How images, text and sound communicate  
- Critical evaluation of ideas and information  
**April/May** |  
| **Central Idea:** People apply scientific knowledge to understand the natural world.  
**Key Concepts:** form, connection, perspective  
**Related Concepts:** process, force  
**Lines of inquiry**  
- Recognizing needs in a community  
- Responses to community needs  
- Impact of actions citizens take  
**Nov/Dec** |  
| **Central Idea:** Citizens respond to needs within a community.  
**Key Concepts:** change, perspective, reflection  
**Related Concepts:** community, citizenship  
**Lines of inquiry**  
- How cycles work  
- Distribution and availability of resources  
- Responsibilities regarding limited resources  
**Jan/Feb** |  
| **Central Idea:** Cycles impact resource availability.  
**Key Concepts:** function, change, responsibility  
**Related Concepts:** limited  
**Lines of inquiry**  
- How cycles work  
- Distribution and availability of resources  
- Responsibilities regarding limited resources  
**Oct/Nov** |
<table>
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<tr>
<th>Who We Are</th>
<th>Where We Are In Place And Time</th>
<th>How We Express Ourselves</th>
<th>How The World Works</th>
<th>How We Organize Ourselves</th>
<th>Sharing The Planet</th>
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<tr>
<td>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.</td>
<td>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.</td>
<td>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.</td>
<td>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.</td>
<td>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.</td>
<td>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.</td>
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**4th Grade**

**Central Idea:** Geography affects the cultures that develop around it.
**Key Concepts:** connection, form, reflection
**Related Concepts:** geography

**Lines of inquiry**
- Major geographic features
- How geographic features impact lives
- Key contributions to society from different ethnic groups

**Central Idea:** The availability of energy resources through history influences the quality of life.
**Key Concepts:** function, responsibility, reflection
**Related Concepts:** energy, conservation

**Lines of inquiry**
- How energy is transferred
- Energy resources through history
- The impact of choices now and in the past

**Central Idea:** Creating and responding to the arts encourages appreciation and perspective.
**Key Concepts:** form, reflection, perspective
**Related Concepts:** creativity, communication

**Lines of inquiry**
- Various forms of the arts
- How people communicate through the arts
- Responding to the arts

**Central Idea:** Geological processes shape the earth and impact lives.
**Key Concepts:** form, change, causation
**Related Concepts:** geological processes

**Lines of inquiry**
- Patterns of Earth's features
- Changes in a landscape over time
- Solutions to reduce the impacts of natural earth processes

**Central Idea:** Societies develop governing systems to organize citizens and resources.
**Key Concepts:** function, connection, responsibility
**Related Concepts:** structure, government

**Lines of inquiry**
- The structure and function of governing systems
- Similarities and differences between governing systems
- Rights and responsibilities of citizens

**Central Idea:** Living things have structures to support survival.
**Key Concepts:** causation, function, responsibility
**Related Concepts:** organisms

**Lines of inquiry**
- 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

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**Central Ideas**
- Central Idea: Geography
- Central Idea: The availability of energy resources through history
- Central Idea: Creating and responding to the arts
- Central Idea: Geological processes shape the earth
- Central Idea: Societies develop governing systems
- Central Idea: Living things have structures to support survival

**Key Concepts**
- connection
- form
- reflection
- function
- responsibility
- energy
- conservation
- creativity
- communication
- form
- change
- causation
- structure
- government
- causation
- function
- responsibility
- organisms

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**Revised May 2018**
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<td><strong>Central Idea:</strong> People with differing beliefs may struggle for rights and freedoms.</td>
<td><strong>Central Idea:</strong> A community's response to events provides insight into the history and values of that community.</td>
<td><strong>Central Idea:</strong> People who take risks to express ideas and share their beliefs affect the world.</td>
<td><strong>Central Idea:</strong> Experimentation may lead to discoveries that transform society.</td>
<td><strong>Central Idea:</strong> Marketplaces depend on the ability to produce goods and supply services that can be exchanged.</td>
<td><strong>Central Idea:</strong> Biodiversity relies on maintaining the balance within systems.</td>
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<td><strong>Key Concepts:</strong> change, perspective, responsibility</td>
<td><strong>Key Concepts:</strong> causation, connection, perspective</td>
<td><strong>Key Concepts:</strong> function, connection, responsibility, form, causation, change, reflection, perspective, responsibility</td>
<td><strong>Key Concepts:</strong> change, causation, reflection</td>
<td><strong>Key Concepts:</strong> form, function, connection</td>
<td><strong>Key Concepts:</strong> causation, connection, responsibility</td>
</tr>
<tr>
<td><strong>Related Concepts:</strong> rights, initiative, relationships</td>
<td><strong>Related Concepts:</strong> conflict, consequence, community</td>
<td><strong>Related Concepts:</strong> initiative, communication, point of view</td>
<td><strong>Related Concepts:</strong> transformation, impact, interpretation</td>
<td><strong>Related Concepts:</strong> interdependence, supply and demand</td>
<td><strong>Related concepts:</strong> diversity, systems</td>
</tr>
</tbody>
</table>
| **Lines of inquiry**  
- Beliefs and values of different cultures  
- Treatment of people based on beliefs and values  
- How people gain rights and freedoms  
- Civil rights movements | **Lines of inquiry**  
- 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 | **Lines of inquiry**  
- 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 | **Lines of inquiry**  
- The scientific process  
- Relationships between objects and events via controlled experimentation  
- How scientific investigations can lead to new discoveries  
- Discoveries that impact the world | **Lines of inquiry**  
- The ways goods and services are exchanged  
- Types of marketplaces around the world  
- The world of work | **Lines of inquiry**  
- 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 |

**5th Grade**  
Oct/Nov  | Feb/March  | March/April  | May  | Aug/Sept  | Dec/Jan |

Revised May 2018