



## Puente de Hózhó Program of Inquiry 2020/2021

### 4th/5th grade POI Cycle A

Who we are (5)	Where we are in place and time (4)	How we express ourselves (3)	How the world works (2)	How we organize ourselves (1)	Sharing the planet(6)
<p><b>Central Idea:</b> Communities face changes due to balances and imbalances of power and resources.</p> <p><b>Key Concepts:</b> Perspective Causation Change</p> <p><b>Related Concepts:</b> Colonization, consequence, Rights (in)equality</p> <p><b>Lines of Inquiry into:</b></p> <ul style="list-style-type: none"> <li>• Perceptions of value (perspective)</li> <li>• Interactions between people about land, labor, power (causation)</li> <li>• Influences that transform/dictate the formation/change of nations locally and globally (change)</li> </ul> <p><b>Descriptor</b> An inquiry into beliefs and values, rights and responsibilities, and what it means to be human.</p> <p><a href="#">4/5 Who we are unit planner- Cycle A</a></p>	<p><b>Central Idea:</b> Cultures interpret space and time based on their understanding of the cosmos.</p> <p><b>Key Concepts:</b> Perspective Connection Form</p> <p><b>Related Concepts:</b> Point of view Tradition Scientific principles</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• How cultural perceptions of time and place are portrayed via stories (perspective)</li> <li>• Relationship between language and time</li> <li>• Characteristics and appearances of celestial beings in the sky</li> </ul> <p><b>Descriptor:</b> An inquiry into orientation in place and time.</p> <p><a href="#">4/5 Where we are in place and time unit planner- Cycle A</a></p>	<p><b>Central Idea:</b> Through language, people communicate feelings, thoughts, and ideas.</p> <p><b>Key Concepts:</b> Connection Reflection Form</p> <p><b>Related Concepts:</b> Genre Personal narrative Story elements Narration</p> <p><b>Lines of Inquiry</b></p> <ul style="list-style-type: none"> <li>• Relationship between interpretation and expression (connection)</li> <li>• Value and purpose (preservation and evolution) of language (reflection)</li> <li>• intentional text structure (form)</li> </ul> <p><b>Descriptor:</b> An inquiry into the ways in which we discover and express ideas, feelings, nature, culture, beliefs, and values.</p> <p><a href="#">4/5 How we express ourselves unit planner- Cycle A</a></p>	<p><b>Central Idea:</b> Scientific and technological advances help us understand and predict how changes in the climate impact all living things.</p> <p><b>Key Concepts:</b> Form Change Connection</p> <p><b>Related Concepts:</b> Climate change Weather</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• Patterns in data help track and interpret weather (form)</li> <li>• Relationship between climate and all living things (Connection)</li> <li>• Changes in climate (Change)</li> </ul> <p><b>Descriptor:</b> The impact of scientific and technological advances on society and on the environment.</p> <p><a href="#">4/5 How the world works unit planner- Cycle A</a></p>	<p><b>Central Idea:</b> The relationship between individuals and government shape a community's structure and how problems are solved.</p> <p><b>Key Concepts:</b> Function Responsibility Perspective</p> <p><b>Related Concepts:</b> Conflict Resolution, peacemaking, Government Structures, Justice,</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• How decisions are made (function)</li> <li>• Civic Duty as role in governance (responsibility)</li> <li>• There are multiple views about governance (perspective)</li> </ul> <p><b>Descriptor:</b> The structure and function of organizations</p> <p><a href="#">4/5 How we organize ourselves unit planner unit planner- Cycle A</a></p>	<p><b>Central Idea:</b> Humans impact the interconnectedness and balance of the earth and its systems.</p> <p><b>Key Concepts:</b> Connection Reflection Function</p> <p><b>Related Concepts:</b> Relationships Balance Interdependence</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• How the earth's spheres interact (function)</li> <li>• Relationship between human perception of necessity and earth's systems (connection)</li> <li>• Humans impact on the balance of earth's systems (reflection)</li> </ul> <p><b>Descriptor:</b> Communities and the relationships within and between them.</p> <p><a href="#">4/5 Sharing the planet unit planner- Cycle A</a></p>

## 4th/5th grade POI Cycle B

Who we are (4))	Where we are in place and time (5)	How we express ourselves (3)	How the world works (2)	How we organize ourselves (1)	Sharing the planet (6)
<p><b>Central Idea:</b> Humans' relationship with physical features of the land helps form cultural identity.</p> <p><b>Key Concepts:</b> Form Perspective Connection</p> <p><b>Related Concepts:</b> Landforms Locality Geography Mapping Cultural identity Measurement and Data</p> <p><b>Lines of Inquiry:</b> The physical features of land (form) The distinctive features that give a place and people its identity; (Connection) How people experience and represent a place through stories, visual representations, and math (Perspective)</p> <p><b>Descriptor</b> An inquiry into the nature of the self; beliefs and values; personal, physical, mental, social and spiritual health;</p> <p><a href="#">4/5 Who we are unit planner- Cycle B</a> Revised 1/7/22</p>	<p><b>Central Idea:</b> Cycles of cooperation and conflict have shaped relationships among people, places, and environments.</p> <p><b>Key Concepts:</b> Perspective Causation Responsibility</p> <p><b>Related Concepts:</b> Colonization Exploration Migration</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>Rights and responsibilities among societies. (responsibility)</li> <li>European exploration and its impact on indigenous peoples in the Americas. (causation)</li> <li>Groups of people can view the same interactions as cooperation or conflict. (perspective)</li> </ul> <p><b>Descriptor</b> The discoveries, explorations, and migrations of humankind.</p> <p><a href="#">4/5 Where we are in place and time unit planner- Cycle B</a></p>	<p><b>Central Idea:</b> Expression takes many forms and connects us to each other and the world.</p> <p><b>Key Concepts:</b> Connection Form Perspective</p> <p><b>Related Concepts:</b> Audience Format Purpose Patterns</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>We learn about ourselves and others through expression.</li> <li>Expressions take many forms.</li> <li>The relationship between the message and the delivery.</li> </ul> <p><b>Descriptor</b> An investigation into the ways in which we discover and express ideas, feelings, nature, culture, beliefs, and values.</p> <p><a href="#">4/5 How we express ourselves unit planner- Cycle B</a></p>	<p><b>Central Idea:</b> Living creatures adapt to survive in a changing environment and reach a balance of life.</p> <p><b>Key Concepts:</b> Connection Causation Change</p> <p><b>Related Concepts:</b> Adaptation Survival</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>The relationship between environmental changes and the need for organisms to adapt (Connection)</li> <li>What causes the need for organisms to adapt (Causation)</li> <li>Adaptations of organisms in order to survive (Change)</li> </ul> <p><b>Descriptor:</b> Inquiry into the natural <b>world</b> and its laws, the interaction between the natural <b>world</b> (physical and biological) and human societies</p> <p><a href="#">4/5 How the world works unit planner- Cycle B</a></p>	<p><b>Central Idea:</b> Members of society, business owners, and elected officials have an interdependent responsibility for stewardship within an economic system.</p> <p><b>Key Concepts:</b> Function Responsibility Change</p> <p><b>Related Concepts:</b> Economics Benefits and costs</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>how economy is a system (function)</li> <li>benefits and costs of economic decision making (responsibility)</li> <li>the distribution of goods and services throughout time (change)</li> </ul> <p><b>Descriptor</b> Economic activities and their impact on humankind and the environment</p> <p><a href="#">4/5 How we organize ourselves unit planner- Cycle B</a></p>	<p><b>Central Idea:</b> Energy from the sun interacts with Earth systems and other forms of energy people use in everyday life to support human progress.</p> <p><b>Key Concepts:</b> Form Change Function</p> <p><b>Related Concepts:</b> Transformation Properties Exploitation Resources</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>How energy sources have evolved and shaped societies (form)</li> <li>Energy forms/ transformation and its effect on the environment. (change)</li> <li>How innovations and inventions are driven by economic reasoning. (function)</li> </ul> <p><b>Descriptor</b> Explorations of rights and responsibilities in the struggle to share finite resources with other people.</p> <p><a href="#">4/5 Sharing the planet unit planner- Cycle B</a></p>

### 3rd grade POI

Who we are 6	Where we are in place and time 2	How we express ourselves 1	How the world works 5	How we organize ourselves 4	Sharing the planet 3
<p><b>Central Idea:</b> Societies and individuals change over time.</p> <p><b>Key Concepts:</b> Change Responsibility Connection</p> <p><b>Related Concepts:</b> Identity Diversity Adaptation Civility</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>How individual rights, freedoms, and responsibilities can vary.</li> <li>How civilizations, societies, and cultures change over time</li> <li>How different perspectives influence beliefs and perceptions of historical events.</li> </ul> <p><b>Descriptor:</b> Human relationships including families, friends, communities, and cultures.</p> <p><a href="#">Who We Are</a></p>	<p><b>Central Idea:</b> The environment impacts where humans and animals live.</p> <p><b>Key Concepts:</b> Causation Change</p> <p><b>Related Concepts:</b> Land and water rights Compromise Cartography</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>The causes and consequences of migration.</li> <li>The environment changes and so do all living things.</li> </ul> <p><b>Descriptor:</b> The relationships between and the interconnectedness of individuals and civilizations, from local and global perspectives</p> <p><a href="#">Where we are in Place and Time</a></p>	<p><b>Central Idea:</b> Stories connect us to our past, our present, and our future and provide diverse perspectives.</p> <p><b>Key Concepts:</b> Form Perspective Change</p> <p><b>Related Concepts:</b> Elements of a story Cultural preservation Points of view</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>The art of storytelling</li> <li>The relationship between advancements in technology and the evolution of storytelling</li> <li>How different perspectives affect storytelling</li> </ul> <p><b>Descriptor:</b> The ways in which we reflect on, extend and enjoy our creativity</p> <p><a href="#">How We Express Ourselves</a></p>	<p><b>Central Idea:</b> Cycles in the natural world are affected by human interaction.</p> <p><b>Key Concepts:</b> Function Causation Responsibility</p> <p><b>Related Concepts:</b> Food webs <i>Hozho</i> Extinction</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>Cycles in the natural world</li> <li>How human activities affect natural cycles</li> <li>Actions we can take to protect the environment</li> </ul> <p><b>Descriptor:</b> An inquiry into the natural world and its laws; ..</p> <p><a href="#">How the World Works</a></p>	<p><b>Central Idea:</b> Systems are vital to the order, maintenance, and well-being of communities.</p> <p><b>Key Concepts:</b> Form Function Responsibility</p> <p><b>Related Concepts:</b> Government Roles Democracy Jurisdiction</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>The role of systems within communities</li> <li>The similarities and differences between various systems and levels of government - (monarchy, democracy, oligarchy, etc.; national, local, state, tribal)</li> <li>The relationship between citizenship rights and civic responsibilities.</li> </ul> <p><b>Descriptor:</b> An inquiry into the interconnectedness of human-made systems and communities;</p> <p><a href="#">How We Organize Ourselves</a></p>	<p><b>Central Idea:</b> Geography tells a story about how communities and resources are connected.</p> <p><b>Key Concepts:</b> Connection Perspective Responsibility</p> <p><b>Related Concepts:</b> Culture conflict and resolution Hunger Erosion</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>Geographic location impacts humans and their environment. (Connection).</li> <li>Communities make choices and take actions based on the availability of resources. (Responsibility).</li> <li>Economic and cultural factors impact the allocation of resources. (Perspective).</li> </ul> <p><b>Descriptor:</b> Peace and conflict resolution;</p> <p><a href="#">Sharing the Planet</a></p>

## 2nd grade POI

Who we are *	Where we are in place and time	How we express ourselves	How the world works	How we organize ourselves	Sharing the planet
<p><b>Central Idea:</b> Leaders are citizens who have individual rights, roles and responsibilities in their families and communities.</p> <p><b>Key Concepts:</b> Causation Responsibility Connection</p> <p><b>Related Concepts:</b> Relationships, Citizenship, Problem Solving</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>Our choices have consequences</li> <li>Responsible choices are made based on our beliefs and values.</li> <li>Leadership is connected to individual actions</li> </ul> <p><b>Descriptor:</b> Human relationships including families, friends, communities, and cultures</p> <p><a href="#">Who we are</a></p>	<p><b>Central Idea:</b> The human journey is a continual cycle of change impacted by past, present and future events.</p> <p><b>Key Concepts:</b> Change Causation Perspective</p> <p><b>Related Concepts:</b> Cycles, Migration, Transformation, Similarities and differences</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>Change is inevitable and impacts human journeys.</li> <li>Events of the past affect students' lives and communities.</li> <li>Different perspectives impact the human journey.</li> </ul> <p><b>Descriptor:</b> Investigations in place and time, personal histories</p> <p><a href="#">Where we are in place and time</a></p>	<p><b>Central Idea:</b> Each person's creativity is an expression of who they are.</p> <p><b>Key Concepts:</b> Form Perspective</p> <p><b>Related Concepts:</b> Expression, creativity, communication, identity.</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>Creativity can be expressed through writing and the arts.</li> <li>We can tell our story in many different ways.</li> </ul> <p><b>Descriptor:</b> Our appreciation of the aesthetic.</p> <p><a href="#">How we express ourselves</a></p>	<p><b>Central Idea:</b> Human systems and events in the natural world continue to change and shape the land.</p> <p><b>Key Concepts:</b> Function Form Change</p> <p><b>Related Concepts:</b> Cataclysmic events, hydrology, wind, Innovation</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>Many inventions have been used to protect humans from severe weather conditions.</li> <li>Land is shaped by wind and water</li> <li>Changes to water and land have an impact on humans and the environment</li> </ul> <p><b>Descriptor:</b> The interaction between the natural world (physical and biological) and human societies;</p> <p><a href="#">How the world works</a></p>	<p><b>Central Idea:</b> Buying, selling and trading affect the environment as well as local and global communities.</p> <p><b>Key Concepts:</b> Connection Change Responsibility</p> <p><b>Related Concepts:</b> Economical systems, resources(mining, logging, farming) Transformation</p> <p><b>Lines of Inquiry:</b> Changes to the environment have a direct impact on the global economy.</p> <p>We live in a world of interacting systems.</p> <p>We are responsible for the choices we make.</p> <p><b>Descriptor:</b> Economic activities and their impact on humankind and the environment.</p> <p><a href="#">How we organize ourselves</a></p>	<p><b>Central Idea:</b> Sustainability is based on partnerships between organisms in the natural world.</p> <p><b>Key Concepts:</b> Connection Function Causation</p> <p><b>Related Concepts:</b> Symbiosis, Photosynthesis, Homeostasis, Impact</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>Organisms depend on each other for survival</li> <li>All organisms have a key function.</li> <li>Humans have an impact on the natural world</li> </ul> <p><b>Descriptor:</b> An inquiry into the rights and responsibilities in the struggle to share finite resources with other people and other living things.</p> <p><a href="#">Sharing the planet</a></p>

## First Grade POI

Who we are	Where we are in place and time	How we express ourselves	How the world works	How we organize ourselves	Sharing the planet
<p><b>Central Idea:</b> Our actions affect our well-being and our community.</p> <p><b>Key Concepts:</b> Responsibility Connection</p> <p><b>Related Concepts:</b> Heredity Language Community</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>How individuals can nurture their feelings and relationships. (Responsibility)</li> <li>The relationship between individual actions and one's community and its environment.(Responsibility and connection)</li> <li>Family culture and values are reflected in our actions and activities (connection).</li> </ul> <p><b>Descriptor:</b> An inquiry into the nature of the self: Beliefs and values;</p> <p><a href="#">Who We Are</a></p>	<p><b>Central Idea:</b> Human activities affect culture and the environment now and in the past..</p> <p><b>Key Concepts:</b> Change Connection Function</p> <p><b>Related Concepts:</b> Behaviors can create challenges Human and animal behavior Environmental changes Pollution</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>Humans and animals adapt to survive</li> <li>How Inventions and Innovations impact culture and the environment</li> <li>How human activity creates challenges</li> </ul> <p><b>Descriptor:</b> Personal histories; <a href="#">Where we are in Place and Time</a></p>	<p><b>Central Idea:</b> Emotions and ideas can be expressed in oral, written, and visual ways that reflect our history and culture</p> <p><b>Key Concepts:</b> Perspective Connection Form</p> <p><b>Related Concepts:</b> Historical figures Oral literature Coyote stories</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>How and why humans use language</li> <li>How symbols convey ideas and emotions</li> <li>The evolution of the alphabet and how it has changed the world</li> <li>The differences and similarities between fiction and non-fiction stories</li> </ul> <p><b>Descriptor:</b> An inquiry into the ways in which we discover and express ideas, feelings, nature, culture, beliefs, and values; <a href="#">How We Express Ourselves</a></p>	<p><b>Central Idea:</b> Scientific principles impact our world and living kind.</p> <p><b>Key Concepts:</b> Change Form Causation</p> <p><b>Related Concepts:</b> Solar system States of matter Density Land forms</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>The relationship between natural laws and the creation of the universe and the Earth</li> <li>How natural laws shaped the geography of the Earth</li> <li>How human behavior can impact natural laws</li> </ul> <p><b>Descriptor:</b> An inquiry into the natural world and its laws; <a href="#">How the World Works</a> New Unit: <a href="#">How the world works</a></p>	<p><b>Central Idea:</b> Individuals and institutions are interdependent within market systems and business negotiations</p> <p><b>Key Concepts:</b> Connection Function Form</p> <p><b>Related Concepts:</b> Market system Products and services Occupations</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>The relationships between: wants and needs; supply and demand; producers and consumers.</li> <li>The evolution of currency</li> <li>The connection between specialization and interdependence in market systems</li> </ul> <p><b>Descriptor:</b> An inquiry into the interconnectedness of human-made systems and communities;; <a href="#">How we Organize Ourselves</a></p>	<p><b>Central Idea:</b> Human behavior affects the sustainability of the Earth's resources</p> <p><b>Key Concepts:</b> Responsibility Causation Change</p> <p><b>Related Concepts:</b> Sustainability Carbon footprint Recycling, upcycling, and repurposing</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>The origin and evolution of life</li> <li>How humans and animals survive</li> <li>How humans impact natural resources</li> </ul> <p><b>Descriptor:</b> An inquiry into the rights and responsibilities in the struggle to share finite resources with other people and with other living things; <a href="#">Sharing the Planet</a></p>

## Kinder POI `

Who we are	How we express ourselves	How the world works	Sharing the planet
<p><b>Central Idea:</b> Our individual behavior and choices impact the learning community.</p> <p><b>Key Concepts:</b> Causation Responsibility</p> <p><b>Related Concepts:</b> Family Community Accountability</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>Family and learning community</li> <li>Impact of choices and individual behavior</li> <li>The attributes of the learner.</li> </ul> <p><b>Descriptor:</b> Personal, mental, social, and spiritual health</p> <p><a href="#">Who we Are</a></p>	<p><b>Central Idea:</b> Culture is expressed through language, celebrations, traditions, and symbols.</p> <p><b>Key Concepts:</b> Change Perspective Connection</p> <p><b>Related Concepts:</b> Seasons Symbols Traditions</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>How climate impacts cultural expression</li> <li>The similarities and differences between various cultural celebrations and traditions</li> <li>How humans express themselves individually and collectively</li> </ul> <p><b>Descriptor:</b> Our appreciation of the aesthetic</p> <p><a href="#">How We Express Ourselves</a></p>	<p><b>Central Idea:</b> There are many cycles in the natural world.</p> <p><b>Key Concepts:</b> Form Change Connection</p> <p><b>Related Concepts:</b> Patterns Life cycles Seasons</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>Life Cycles of animals</li> <li>Life cycles of plants</li> <li>The Water Cycle</li> <li>The Four Seasons</li> </ul> <p><b>Descriptor:</b> How humans use their understanding of scientific principles;</p> <p><a href="#">How the World Works</a></p>	<p><b>Central Idea:</b> Human behavior impacts the stability balance and the sustainability of communities.</p> <p><b>Key Concepts:</b> Connection Causation Responsibility</p> <p><b>Related Concepts:</b> Conservation Sustainability Stewardship Community</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>How <i>hozho</i> (balance/harmony) impacts communities</li> <li>The relationship between sharing and conserving natural resources</li> <li>The effects of responsible stewardship on the environment</li> </ul> <p><b>Descriptor:</b> Communities and the relationships within and between them;</p> <p><a href="#">Sharing the Planet</a></p>

