

Primary Years Academy of International Education PROGRAM OF INQUIRY 2020-2021 (Started 1/11/21)

Kindergarten

First

Second

Third

Fourth

Fifth

Theme:	Grade:	Central Idea:	Key Concepts:	Related Concepts:	Lines of Inquiry:
<p>Who We Are An inquiry into the nature of the self;</p> <p>beliefs and values;</p> <p>personal, physical, mental, social and spiritual health;</p> <p>human relationships including families, friends, communities and cultures;</p> <p>right and responsibilities;</p> <p>what it means to be human.</p>	K*	Human differences contribute to physical and social self. NATURE OF SELF	Causation Form Function	Relationship Structure Role	<ul style="list-style-type: none"> The system of the human body My role within the school community The relationship between our physical and social self
	1*	People shape their communities. CITIZENSHIP AND COMMUNITY	Connection Perspective Responsibility	Rights, Citizenship, Communities	<ul style="list-style-type: none"> Global Citizenship Rights and Responsibilities Communities and Problem Solving
	2*	Individual action and character affect other people's lives. HEROES	Connection Function Responsibility	Consequences process citizenship	<ul style="list-style-type: none"> Contributions of influential people Biographies and sequencing Heroes who exhibit the learner profile traits
	3 * 8/2 - 9/20	Choices impact how you live. HEALTH	Causation Perspective Responsibility	Opinion Impact Choices	<ul style="list-style-type: none"> Balanced lifestyle Impact of choices Decision-making
	4*	Living organisms process the environment through systems. LIVINGS SYSTEMS	Form Function Causation	Systems Cause and effect Patterns	<ul style="list-style-type: none"> How the Senses process the world Structures of Plants and Animals Function of Eye and Ear Sound Waves, Light Waves
	5*	Beliefs, values, and attitudes connect us to the world.	Form Perspective Responsibility	Similarities/differences Beliefs choices/agency	<ul style="list-style-type: none"> Universal themes in literature (teacher LOI) cultural beliefs (student LOI) science and the environment (Student LOI) past and present (student generated LOI)

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Where We Are In Place and Time 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.	K*	Personal histories help us understand ourselves and shape our future. PLACE AND TIME	REFLECTION CAUSATION PERSPECTIVE	Connections Adaptation perception	<ul style="list-style-type: none"> The lives of children long ago The factors and events of our lives Role models' character traits and the impact of choices
	1*	Location reflects where humans are in place and time. LOCATION	Form Function Connection	Geography model classification	<ul style="list-style-type: none"> Maps and Models Location Geography
	2*	Discovering and understanding the past helps us understand the present. Then and Now	Change Connection Perspective	Transformation Relationships Beliefs	<ul style="list-style-type: none"> Family history Traditions and values Changes over time
	3* 2/15- 4/2	Experiences and environments lead us to different pathways. Native American/ENVIRONMENT	Form Connection Perspective	Culture Relationships Systems Community	<ul style="list-style-type: none"> Geography and resources Culture Explorers, Settlers, and Newcomers
	4*	Migration is a response to human circumstances and challenges. MIGRATION	Perspective Causation Change	Consequences Prejudice Adaptation	<ul style="list-style-type: none"> Causes of Migration Cultural and economic changes Political changes
	5*	Revolutions have consequences for groups of people over time. INTERCONNECTEDNESS	Causation Perspective Change	conflict & cooperation Opinions governance	<ul style="list-style-type: none"> Causes of revolution Perspectives on conflict and cooperation Significant historical events <u>Case Study</u>: Onsets and Outcomes of the American Revolution

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			Concepts:	Concepts:	
<p>How We Express Ourselves 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.</p>	K*	<p>Celebrations express the beliefs and values of a culture.</p> <p>CELEBRATIONS</p>	<p>Form Connection Perspective</p>	<p>relationships Culture representation</p>	<ul style="list-style-type: none"> types of celebrations reasons we celebrate similarities and differences in celebrations
	1*	<p>People express culture through their way of life.</p> <p>CULTURAL EXPRESSION</p>	<p>Form Reflection Perspective</p>	<p>Culture, Expression, Representation</p>	<ul style="list-style-type: none"> Culture Ways of Life Artistic representation
	2*	<p>A global network promotes</p> <p>CREATIVE DESIGN</p>	<p>Perspective Reflection Form Causation</p>	<p>Invention Review Properties Sequence</p>	<ul style="list-style-type: none"> Artistic Expression Computer, Engineering and Design Scientific Investigation
	3* 01/04-02/12	<p>People tell stories to share their culture.</p> <p>STORY STRUCTURE in FOLKLORE</p>	<p>Perspective Connection Form</p>	<p>Structure Beliefs Relationships</p>	<ul style="list-style-type: none"> Structure of stories Character traits Culture through stories
	4*	<p>Geographic features impact life.</p> <p>EARTH CHANGES</p>	<p>Form Reflection Function</p>	<p>Structure communication interpretation</p>	<ul style="list-style-type: none"> Patterns Causes and Effects Earth Changes
	5*	<p>Ponte's Class (co-constructed): Systems thinking changes our understanding of the world.</p> <p>Pollard's Class:(co-constructed) Systems thinking helps us model and understand the world.</p>	<p>Change Connection Function</p>	<p>Systems Interdependence Cycles</p>	<ul style="list-style-type: none"> Movement of matter into, out of, and within systems Changes in systems Patterns

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How The World Works 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.	K*	Weather affects the environment and our lives. CLIMATIC CHANGES	Change Connection Function	Patterns Impact properties	<ul style="list-style-type: none"> types of local weather and global climate how the weather affects people the use of technology to observe and measure weather
	1*	Rhythms and patterns reflect change in the natural world. CHANGES IN NATURE	Change Causation Form	Patterns Impact Structure	<ul style="list-style-type: none"> Light Sound Patterns
	2*	The natural world can change and affect Earth. EARTH EVENTS	Form Change Causation	Properties Transformation Impact	<ul style="list-style-type: none"> Landforms and water around the world Fast and slow Earth events Designing solutions to withstand natural disasters
	3* 4/23 5/28	Physical laws guide motion. FORCE AND MOTION	Form Change Function	Properties Force Motion	<ul style="list-style-type: none"> Science of Flight Magnetism Forces and Interactions
	4*	Energy may be converted, transferred, and used to support human progress. ENERGY	Function Form Change	energy systems, structure, transformation	<ul style="list-style-type: none"> Forms of energy Energy conversion and transfer Technological innovations
	5*	Interactions are a catalyst for change.	Form Function Change	Properties Patterns Transformation	<ul style="list-style-type: none"> Structures and properties Cause and effect Natural phenomena

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How We Organize Ourselves 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.	K*	Technology connects people to their communities and the world. TECHNOLOGY	Connection Function Form	change Systems modes	<ul style="list-style-type: none"> Technology at school and at home. Forces and Motion Technological advances
	1*	Groups organize themselves for different purposes. TEAMWORK	Form Function Responsibility	similarities differences interdependence	<ul style="list-style-type: none"> Function of groups Forms of Collaboration Community Service
	2*	<i>A global network connects and promotes life.</i> INTERDEPENDENCE	Function Change Connection	Transformation Role Systems	<ul style="list-style-type: none"> Processing of products (Change) Interdependence of buyers and sellers (Function) Impact of resources on our goods (Connection)
	3* 9/16-11/1	People organize by communicating. GOVERNMENT/TECHNOLOGY	Responsibility Function Perspective	Innovation Beliefs Communication Justice	<ul style="list-style-type: none"> Societal expectations Ways of Communication Advancements in Technology
	4*	The use of natural resources impacts our environment and economy. HUMAN IMPACT	Form Causation Responsibility	Conservation Resources Geography	<ul style="list-style-type: none"> California Regions Economic and governmental factors Natural Resources
	5*	Systems and decisions can promote or deny equal rights DECISION-MAKING	Responsibility Function Connection	Citizenship Organization Systems responsibilities prejudice perspective obligations rights	<ul style="list-style-type: none"> Obstacles and opportunities Governance Civics

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Sharing the Planet An inquiry into rights and responsibilities in the struggle to share finite resources with other people and with other living things. communities and the relationships within and between them; access to equal opportunities; peace and conflict resolution.	K*	Humans impact the natural environment. SHARING FINITE RESOURCES	Responsibility Causation Form	Choice Consequence resources	<ul style="list-style-type: none"> The needs of plants and animals Endangered animals Solutions to reduce human impact
	1*	How we use resources affects their availability and condition. CONSERVATION	Function Reflection Responsibility	Choice Resources Sustainability	<ul style="list-style-type: none"> Growth and Change Conservation Point of view
	2*	Diversity of life exists across habitats. INTERDEPENDENCE	Form Function Responsibility	Biodiversity Interdependence Resources	<ul style="list-style-type: none"> Biodiversity Interdependent relationships in ecosystems Scientific Inquiry Process
	3* 11/02-12/18	Structures transform and impact existence. I WILL SURVIVE	Causation Form Change	Adaptations Impact Structure	<ul style="list-style-type: none"> Inheritance and variation of traits Similarities and differences from the past and present Impact of environmental change
	4*	Human connections inform perspectives. (Reyes) Perspectives and cultures inform our world. (Mittelstedt) CULTURE	Connection Change Perspective	Relationships Beliefs Prejudice behavior	<ul style="list-style-type: none"> The impact of culture on identity Stereotypes and prejudice Managing and resolving conflict CASE STUDY: Spanish Exploration and settlement in CA
5	Water is essential to life and is a limited resource. WATER	Causation Connection Responsibility	Impact Sustainability decision-making	<ul style="list-style-type: none"> How water cycles around our Earth How we capture and manage freshwater Rights and responsibility toward water 	