

Kehoe-France Northshore's PYP Programme of Inquiry 2019-2020

Grade Age	Who We Are <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>	Where We Are In Place and Time <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>	How We Express Ourselves <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>	How the World Works <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>	How We Organize Ourselves <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>	Sharing the Planet <i>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.</i>
PreK-3 3-4	<p>Central Idea: Living things utilize senses in order to explore the world around them.</p> <p>Key Concepts: form, function, connection</p> <p>Related Concepts: properties, role, interaction</p> <p>Lines of Inquiry: * Using senses to explore the world * Parts of the body * Comparing animal and human senses</p>		<p>Central Idea: Individuals utilize artistic expression to explore their creativity, ideas, or feelings.</p> <p>Key Concepts: form, connection, perspective</p> <p>Related Concepts: description, relationships, opinion, repetition, rhythm</p> <p>Lines of Inquiry: * Exploring the meaning of visual art * Materials used to create art * Using art to express oneself</p>	<p>Central Idea: Living things use resources in order to grow and sustain life.</p> <p>Key Concepts: change, causation, function</p> <p>Related Concepts: cycle, consequences, properties</p> <p>Lines of Inquiry: * Purpose of each part of a plant * The needs of a plant * Characteristics in the stages of growth of a plant</p>		<p>Central Idea: Individuals can protect the environment in which they live.</p> <p>Key Concepts: responsibility, causation, function</p> <p>Related Concepts: initiative, consequences, system</p> <p>Lines of Inquiry: * Protecting the environment * Various Items for recycling * How to reduce garbage in landfills</p>
PreK-4 4-5	<p>Central Idea: Personal choices influence health and safety.</p> <p>Key Concepts: causation, responsibility</p> <p>Related Concepts: consequences, growth</p> <p>Lines of Inquiry: * How foods affect our bodies * Taking care of our bodies * Making safe choices</p>		<p>Central Idea: Expression of feelings and emotions determine personal interactions.</p> <p>Key Concepts: perspective, connection</p> <p>Related Concepts: opinion, interpretation, behavior</p> <p>Lines of Inquiry: * Experiencing emotions * Different ways we show our feelings * Recognizing and acknowledging others' feelings</p>	<p>Central Idea: Living things possess needs.</p> <p>Key Concepts: responsibility, function</p> <p>Related Concepts: similarities and differences, behavior</p> <p>Lines of Inquiry: * Why we care for living things * Similar needs of living things * Specific needs of particular living things * Reasons living things have different needs</p>	<p>Central Idea: Patterns repeat in predictable ways.</p> <p>Key Concepts: form, change, connection</p> <p>Related Concepts: patterns, cycles, sequences</p> <p>Lines of Inquiry: * Predictable patterns * Types of patterns * Investigating patterns in our lives</p>	

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KDG. 5-6	<p>Central Idea: Healthy relationships in a community bring about positive change.</p> <p>Key Concepts: change, causation, connection</p> <p>Related Concepts: community, interaction, interdependence</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> * Building positive relationships * Reasons for helping others * Planning for change 		<p>Central Idea: Expressing and sharing ideas leads to new discoveries.</p> <p>Key Concepts: function, form, perspective</p> <p>Related Concepts: communication, genre</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> * Types of communication * Expressing creativity * Understanding others' ideas 		<p>Central Idea: *Communities work when members follow shared rules and routines.</p> <p>Key Concepts: causation, responsibility</p> <p>Related Concepts: community, cooperation</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> * Importance of rules and laws * Being a good citizen in your community * Rights and responsibilities 	<p>Central Idea: *Earth's resources produce and provide food.</p> <p>Key Concepts: function, form, change</p> <p>Related Concepts: cause and effect, interdependence</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> * Jobs of a farmer * Plants and animals as food * Caring for Earth's resources
1st 6-7	<p>Central Idea: Friends and family can shape the people we become.</p> <p>Key Concepts: form, connection, perspective</p> <p>Related Concepts: relationships, change, diversity</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> * Celebrating family traditions * Differences in families * Qualities of a good friend 	<p>Central Idea: Maps and globes can help us explore communities and the world.</p> <p>Key Concepts: function, causation, change</p> <p>Related Concepts: form, systems, civilization</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> * Purposes of maps and globes * Different types of maps * How maps and globes help people 	<p>Central Idea: Signs and symbols help aid communication.</p> <p>Key Concepts: form, causation</p> <p>Related Concepts: expression, communication, system</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> * Types of signs and symbols * Reasons for signs and symbols * Features used to communicate 	<p>Central Idea: Investigating the Solar System leads us to an understanding of life on Earth.</p> <p>Key Concepts: function, connection, causation</p> <p>Related Concepts: systems, patterns, space and time</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> * The dynamics of planets, moons, stars, and the importance of gravity * The Earth's movement relative to the sun * Movement and phases of the moon * Scientists and machines that explore space 	<p>Central Idea: Members of a community work together to meet a common goal.</p> <p>Key Concepts: connection, responsibility</p> <p>Related Concepts: populations, interaction, interdependence</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> * Communities and their interconnectedness * Communities we belong to * Roles of people in a community 	<p>Central Idea: Plants and animals in a habitat depend on one another to survive and grow.</p> <p>Key Concepts: form, responsibility, change</p> <p>Related Concepts: structure, adaptation, impact</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> * Types of living things and their needs * Life cycles of living things * Human responsibility to care for the Earth

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<p>2nd 7-8</p>	<p>Central Idea: Understanding cultural similarities and differences can diversify thinking and attitudes.</p> <p>Key Concepts: form, perspective, connection</p> <p>Related Concepts: culture, diversity, interaction, point of view, beliefs and values</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> * Understanding cultural similarities and differences * Different ways people learn their culture * Being valued and respected in a community 	<p>Central Idea: Colonization creates change and conflict.</p> <p>Key Concepts: form, change, causation</p> <p>Related Concepts: civilization, beliefs, population, migration</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> * Similarities and differences among Native Americans * Effects of colonization on Native Americans * Migration and colonization of people 	<p>Central Idea: Poetry expresses ideas which provides ways to communicate and connects people.</p> <p>Key Concepts: perspective, connection</p> <p>Related Concepts: style, creativity, communication, patterns, theme, point of view</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> * Styles of poetry * Differences in interpretation of poetry * Purposes for writing a poem 	<p>Central Idea: The understanding of matter can inform and help us discover our world.</p> <p>Key Concepts: function, change, form</p> <p>Related Concepts: cause and effect, cycles, interactions</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> * Differences in states of matter * Structure and properties of matter * Reversible and irreversible changes in states of matter 	<p>Central Idea: Systems connect people and societies.</p> <p>Key Concepts: function, causation, change</p> <p>Related Concepts: systems, change/continuity, migration</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> * Different types and uses of transportation * Changes in transportation * How and why people, food, and products move from place to place 	<p>Central Idea: Equal opportunities can dictate people's lifestyles.</p> <p>Key Concepts: responsibility, causation</p> <p>Related Concepts: cause and effect, impact, initiative, evidence</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> * Importance of water as a resource * Availability of fresh drinking water in the world * Possible causes and solutions of the water crisis around the world

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3rd 8-9	<p>Central Idea: Systems function together to maintain balance.</p> <p>Key Concepts: function, responsibility, connection</p> <p>Related Concepts: systems, change, cause and effect</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> * The structure and function of systems * Physical traits inherited through genes * Maintaining a healthy mind and body 	<p>Central Idea: Explorers changed the way we live today.</p> <p>Key Concepts: form, change, causation</p> <p>Related Concepts: immigration, diversity</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> * Human exploration over time * Human circumstances that lead to exploration * Consequences of explorations 	<p>Central Idea: Carnival can be expressed and celebrated in many different ways around the world.</p> <p>Key Concepts: form, change, causation</p> <p>Related Concepts: beliefs and values, culture, expression</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> * Different ways cultures celebrate carnival * Reasons carnival is celebrated * Changes in carnival over time * Customs and traditions of carnival 	<p>Central Idea: Understanding factors cause predictions.</p> <p>Key Concepts: function, causation, form</p> <p>Related Concepts: cause and effect, cycles, patterns</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> * Causes of weather * Factors that affect weather * How we measure and monitor weather * Ways to prepare for extreme weather 	<p>Central Idea: Networks of goods and services meet the needs of a community.</p> <p>Key Concepts: function, responsibility, connection</p> <p>Related Concepts: operation, value, interactions</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> * The production and exchange of goods and services * The elements that form a marketplace and the organization of economic systems * How to market a product or service * The difference between needs and wants 	<p>Central Idea: Actions alter survival.</p> <p>Key Concepts: perspective, responsibility</p> <p>Related Concepts: interactions, population</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> * How people or nature impact animal habitats * Our responsibility in preserving animal lives * How living things adapt to survive in an environment and coexist with each other

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4th 9-10	<p>Central Idea: Leadership can improve communities.</p> <p>Key Concepts: responsibility, form, change</p> <p>Related Concepts: character, cause and effect, beliefs and values</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> * Qualities and responsibilities of a leader * Rights and responsibilities of active leadership * Leaders and citizens who change(d) their community 	<p>Central Idea: History and journeys connect individuals.</p> <p>Key Concepts: connection, perspective</p> <p>Related Concepts: cause and effect, migration, immigration</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> * Personal stories, relationships and understanding from one person to another * Movement of people over time * Hardships and successes of settlement 	<p>Central Idea: Different ways of communicating promotes understanding.</p> <p>Key Concepts: function, perspective, connection</p> <p>Related Concepts: form, point of view, audience</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> * Importance of communication * Ways we communicate * Understanding different forms of communication 	<p>Central Idea: Innovative thinking leads to change.</p> <p>Key Concepts: causation, change</p> <p>Related Concepts: model, theory, replication</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> * Definition of innovation and what causes it * Major inventions and how the changed society * Impact of technology (both positive and negative) on everyday life 	<p>Central Idea: Structure in society provides organization.</p> <p>Key Concepts: function, responsibility, form</p> <p>Related Concepts: systems, interaction, conflict, cooperation</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> * The voting process to elect officials * Different types of governments * Branches of government 	<p>Central Idea: Uses of resources causes change.</p> <p>Key Concepts: causation, function, responsibility</p> <p>Related Concepts: interaction, cause and effect</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> * Renewable and nonrenewable resources * Human use and dependence on energy * The use of natural resources affects the environment