

Kehoe-France Northshore's PYP Programme of Inquiry 2020-21

Grade Age	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>PreK-3 3-4</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>Central Idea: Living things explore the world around them.</p> <p>Key Concepts: form, function, connection</p> <p>Related Concepts: properties, role, interaction</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> *How we explore using our senses *Body parts associated with senses *Comparing animal and human senses *Why we need our senses <p>Subjects: SC, AR, MU, SE</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><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>Central Idea: Artistic expression helps us explore our imagination.</p> <p>Key Concepts: form, connection, perspective</p> <p>Related Concepts: description, relationships, opinion, repetition, rhythms</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> *Exploring the meaning of art *Materials used to create art *Using art to express oneself <p>Subjects: AR, SC, SE, MU</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>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:</p> <ul style="list-style-type: none"> *Needs of living things *Stages of plant growth *Parts of a the plant *From farm to table <p>Subjects: SC, SE, SS</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><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></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:</p> <ul style="list-style-type: none"> *Protecting the environment *Reducing garbage in landfills *Recycling *Reusing recycled goods <p>Subjects: SC, PE, SS, SE</p>

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<p>PreK-4 4-5</p>	<p>Central Idea: Humans make personal choices that influence well-being.</p> <p>Key Concepts: causation, responsibility</p> <p>Related Concepts: consequences, growth</p> <p>Lines of Inquiry: *Defining wellness *Healthy and unhealthy habits *Why humans should make choices for personal well-being</p> <p>Subjects: SC, SS, PSPE</p>		<p>Central Idea: Personal expression influences interactions.</p> <p>Key Concepts: perspective, connection</p> <p>Related Concepts: opinion, interpretation, behavior</p> <p>Lines of Inquiry: *Naming and recognizing emotions *Acceptable ways to express emotions *Realizing that the ways humans choose to express emotions affects their relationships with others</p> <p>Subjects: SS, PSPE, AR, MU LA</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: *Investigating patterns *Recognizing patterns *How patterns help us organize</p> <p>Subjects: LA, MA, AR, MU, PE, SC</p>	<p>Central Idea: Humans make choices that impact the care of living things.</p> <p>Key Concepts: responsibility, function</p> <p>Related Concepts: similarities and differences, behavior</p> <p>Lines of Inquiry: *Investigating living things *Comparing/contrasting the needs of different living things *How we can choose to care for living things</p> <p>Subjects: SC, SS, PE</p>

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KDG. 5-6	<p>Central Idea: Relationships can lead to change.</p> <p>Key Concepts: change, causation, connection</p> <p>Related Concepts: community, interaction</p> <p>Lines of Inquiry: *Different relationships *Exploring relationships *Building positive relationships</p> <p>Subjects: SS, AR, MA, LA, PSPE</p>		<p>Central Idea: Sharing ideas leads to discovery.</p> <p>Key Concepts: function, form, perspective</p> <p>Related Concepts: communication, genre</p> <p>Lines of Inquiry: *Types of communication *Expressing creativity *Understanding others' ideas</p> <p>Subjects: LA, MA, SC, PS, AR</p>		<p>Central Idea: Following shared rules promotes structure.</p> <p>Key Concepts: causation, responsibility, function</p> <p>Related Concepts: community, cooperation</p> <p>Lines of Inquiry: *Differences and similarities between rules and laws *Rights and responsibilities *Effects of personal choices</p> <p>Subjects: SS, PSPE, AR</p>	<p>Central Idea: Humans depend on earth's resources to survive.</p> <p>Key Concepts: function, form, connection</p> <p>Related Concepts: cause and effect, interdependence</p> <p>Lines of Inquiry: *Plants and animals as food *Needs of living things *Caring for plants and animals</p> <p>Subjects: SC, SS</p>

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1 st 6-7	<p>Central Idea: Experiences can influence how we understand others.</p> <p>Key Concepts: form, connection, perspective</p> <p>Related Concepts: relationships, change, diversity</p> <p>Lines of Inquiry: *Personal abilities and interests *Physical and emotional characteristics *Roles and behaviors in relationships</p> <p>Subjects: SC, SS, AR, LA, PSPE</p>	<p>Central Idea: Humans can explore the world in a variety of ways.</p> <p>Key Concepts: function, causation, change</p> <p>Related Concepts: form, systems, civilization</p> <p>Lines of Inquiry: * Exploring our world * The earth and space * Purposes of maps and globes * Where we are</p> <p>Subjects: SS, SC, MA, AR, PSPE, MU</p>	<p>Central Idea: Living things can communicate different emotions, ideas and feelings with sounds.</p> <p>Key Concepts: form, causation, perspective</p> <p>Related Concepts: expression, communication, system</p> <p>Lines of Inquiry: *How sound is created *Ways of communicating ideas, feelings, and emotions *Communicating without sound *Communicating and listening to opinions</p> <p>Subjects: SS, SC, LA, AR, MU</p>	<p>Central Idea: Investigating change in living things leads to understanding.</p> <p>Key Concepts: function, form, causation</p> <p>Related Concepts: cycles, patterns, adaptation, impact</p> <p>Lines of Inquiry: *Living and nonliving things *Living things and their needs *Growth and life cycles of living things</p> <p>Subjects: SC, PSPE</p>	<p>Central Idea: Individuals can help meet the needs of all.</p> <p>Key Concepts: connection, responsibility</p> <p>Related Concepts: populations, interaction, interdependence</p> <p>Lines of Inquiry: *Communities and how they are connected *Roles of people in a community *Communities we belong to *Using the action cycle</p> <p>Subjects: SS, PSPE</p>	<p>Central Idea: Caring for ecosystems helps us protect our world.</p> <p>Key Concepts: connection, responsibility, change</p> <p>Related Concepts: structure, adaptation, impact</p> <p>Lines of Inquiry: *Earth's ecosystems *How ecosystems impact our lives *Human responsibility to care for the earth's ecosystems</p> <p>Subjects: SS, SC, PSPE</p>

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<p>2nd 7-8</p>	<p>Central Idea: Understanding similarities and differences can diversify thinking.</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: *Understanding cultural similarities and differences *Different ways people learn their culture *Being valued and respected in a community</p> <p>Subjects: SS, LA, AR, PS</p>	<p>Central Idea: Movement creates change.</p> <p>Key Concepts: form, change, causation</p> <p>Related Concepts: civilization, beliefs, population, migration, force, energy</p> <p>Lines of Inquiry: *Types of movement *Effects of movement *Connection between change and movement</p> <p>Subjects: SS, SC, PE, AR</p>	<p>Central Idea: Humans express ideas to communicate and connect.</p> <p>Key Concepts: perspective, connection</p> <p>Related Concepts: style, creativity, communication, patterns, theme, point of view</p> <p>Lines of Inquiry: *Writing for different purposes *Interpretation of communication *How communication connects people</p> <p>Subjects: LA, SS, PSPE, AR</p>	<p>Central Idea: Properties can be observed and tested.</p> <p>Key Concepts: function, change, form</p> <p>Related Concepts: cause and effect, matter, equations, accuracy</p> <p>Lines of Inquiry: *Observing properties *Structure of properties *Reversible and irreversible changes *Importance of testing</p> <p>Subjects: SC, MA, LA, AR</p>	<p>Central Idea: Human made systems help us organize ourselves and impact our lives.</p> <p>Key Concepts: function, causation, change</p> <p>Related Concepts: systems, change/continuity</p> <p>Lines of Inquiry: *Measuring time *Different ways of organizing time *How time affects people and societies</p> <p>Subjects: SS, SC, MA</p>	<p>Central Idea: Access to resources can impact life.</p> <p>Key Concepts: responsibility, causation, function</p> <p>Related Concepts: cause and effect, impact, initiative, evidence</p> <p>Lines of Inquiry: *Natural resources *Effects of limited resources *Possible causes and solutions of resource availability *Importance of resources</p> <p>Subjects: SS, SC</p>

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<p>3rd 8-9</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>Central Idea: Systems function together to maintain balance.</p> <p>Key Concepts: function, responsibility, connection</p> <p>Related Concepts: systems, change, cause and effect, structure, properties</p> <p>Lines of Inquiry: *The structure and function of systems *How changes in one system impacts other systems *How systems are interconnected *Decisions impact balance</p> <p>Subjects: SC, MA, LA, AR, PSPE</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>Central Idea: Explorations lead to discoveries and opportunities.</p> <p>Key Concepts: perspective, change, causation</p> <p>Related Concepts: immigration, diversity, movement, discovery</p> <p>Lines of Inquiry: *Exploration over time *Circumstances that lead to exploration *Effects of explorations</p> <p>Subjects: SC, SS, MA, AR</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>Central Idea: Learning about the past influences beliefs and traditions.</p> <p>Key Concepts: form, connection, causation</p> <p>Related Concepts: beliefs and values, culture, expression</p> <p>Lines of Inquiry: *How the past influences the present *Traditions and beliefs of various cultures *Similarities and differences between various traditions and beliefs *The connection between values, beliefs, and traditions</p> <p>Subjects: SS, LA, PSPE</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>Central Idea: Understanding factors causes predictions.</p> <p>Key Concepts: function, causation, form</p> <p>Related Concepts: cause and effect, cycles, patterns</p> <p>Lines of Inquiry: *Types of change *The natural causes of change in the Earth's surface *Cycles in the natural world *How observing, recording, investigating, and reporting deepens our understanding</p> <p>Subjects: SC, MA, SS</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>Central Idea: Decisions impact outcomes.</p> <p>Key Concepts: function, responsibility, connection</p> <p>Related Concepts: operation, value, interactions</p> <p>Lines of Inquiry *The impact of needs and wants *The production and exchange of goods and services *How to market a product or service *Evaluating effects of choices</p> <p>Subjects: SS, MA, AR, PSPE</p>	<p><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></p> <p>Central Idea: Actions alter survival.</p> <p>Key Concepts: change, perspective, responsibility</p> <p>Related Concepts: interactions, population</p> <p>Lines of Inquiry: *How people or nature impact animal habitats *How living things adapt to and depend on their environment *Our responsibility in preserving animal lives</p> <p>Subjects: SC, PS</p>

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<p>4th 9-10</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>Central Idea: Decisions and actions cause change.</p> <p>Key Concepts: responsibility, form, change</p> <p>Related Concepts: character, cause and effect, beliefs and values, citizenship, rights</p> <p>Lines of Inquiry: *Effects of decisions and actions *Personal rights and responsibilities *Changes caused by actions</p> <p>Subjects: SS, PSPE, AR</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>Central Idea: Experiences can create connections.</p> <p>Key Concepts: connection, perspective, change</p> <p>Related Concepts: cause and effect, migration, immigration, compare and contrast, point of view</p> <p>Lines of Inquiry: *Perspective influences understanding *Ways experiences help form connections *How experiences make us alike and different</p> <p>Subjects: SS, LA, PSPE, AR</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>Central Idea: Communication promotes understanding.</p> <p>Key Concepts: form, perspective, connection</p> <p>Related Concepts: function, point of view, audience, expression</p> <p>Lines of Inquiry: *Different forms of communication *Ways ideas are conveyed *Importance of communication in our world</p> <p>Subjects: SS, LA, AR, PSPE</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>Central Idea: Innovative thinking leads to change.</p> <p>Key Concepts: causation, change, function</p> <p>Related Concepts: model, theory, replication, cause/effect, technology, invention</p> <p>Lines of Inquiry: *Innovation vs. invention *Causes of innovation *Evolution of inventions over time *Impact of inventions on everyday life</p> <p>Subjects: SC, SS, PE, MU, AR</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>Central Idea: Systems provide organization.</p> <p>Key Concepts: function, connection, form</p> <p>Related Concepts: systems, interaction, conflict, cooperation, measurement</p> <p>Lines of Inquiry: *Types of governmental systems *Comparing systems throughout the world *How systems organize people and data</p> <p>Subjects: SS, MA, PE</p>	<p><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></p> <p>Central Idea: Exhibition Unit Uses of resources cause change.</p> <p>Key Concepts: causation, function, responsibility</p> <p>Related Concepts: interaction, cause and effect</p> <p>Lines of Inquiry: *Renewable and nonrenewable resources *Human use and dependence on energy *The use of natural resources affects the environment</p> <p>Subject: SC</p>