



PYP
Program of Inquiry
2020-2021

An Inquiry into	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
	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.	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.	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.	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.	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.	An inquiry into rights and responsibilities in the struggle to share finite resources with other people and with other living things; communities and the relationship within and between them; access to equal opportunities; peace and conflict resolution.

ECE A 3-4	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>Relationships</p> <p>Central Idea</p> <p>My relationships connect me to others.</p> <p>Key Concepts: Connection – How is it linked to other things?</p> <p>Perspective – What are the points of view?</p> <p>Related Concepts: Family, Relationships, Culture, Self-identity, Talents, Independence Skills, Routines, Agreements, Cooperation</p> <p>Lines of Inquiry:</p> <ol style="list-style-type: none"> 1. Significant relationships and groups we belong to. 2. Self -identity and what makes us unique. 3. Contributions we can make to our home and relationships. 		<p>Materials</p> <p>Central Idea</p> <p>Exploration of materials creates opportunities for discovery and expression.</p> <p>Key Concepts: Change – How is it transforming?</p> <p>Causation – Why is it as it is?</p> <p>Related Concepts: Shapes, Textures, Colours, Lines, Senses, Feelings, Expression, Movement (PE), Drama, Music</p> <p>Lines of Inquiry:</p> <ol style="list-style-type: none"> 1. Exploration of emotions using senses. 2. Properties and manipulation of materials. 3. Use of materials to express ourselves. 	<p>Environment</p> <p>Central Idea</p> <p>Observing our environment helps us understand the world around us.</p> <p>Key Concepts: Form – What is it like?</p> <p>Function – How does it work?</p> <p>Related Concepts: Patterns, Light, Nature Treasures, Discovery, Plants and growth in our environment, Cycles, Seasons, Observation, Recording</p> <p>Lines of Inquiry:</p> <ol style="list-style-type: none"> 1. Discovering our environment. 2. Ways to collect information. 3. Communicating our discoveries. 		<p>Living Things/Animals</p> <p>Central Idea</p> <p>We share our environment with other living things.</p> <p>Key Concepts: Causation – Why is it as it is?</p> <p>Responsibility – What are our obligations?</p> <p>Related Concepts: Basic needs, Habitats, Commonalities, Differences, Survival, Change/effect, Help, Advocacy</p> <p>Lines of Inquiry:</p> <ol style="list-style-type: none"> 1. Characteristics and needs of living things. (animals) 2. Habitats of living things. (animals) 3. Similarities and connections between us and animals. (needs) 4. Impact of our choices on animal's habitats.

ECE B 4-5	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>Relationships/Community</p> <p>Central idea: Our actions affect our relationships and the community.</p> <p>Key Concepts: Connection – How is it linked to other things?</p> <p>Perspective – What are the points of view?</p> <p>Related Concepts: Relationship, Friends, Choice, Conflict and Cooperation</p> <p>Lines of inquiry:</p> <ol style="list-style-type: none"> 1. Our relationships in our community. 2. Making good choices at home and school. 3. Contributing to our community. 		<p>Expression/Creativity</p> <p>Central idea: We can express ourselves in a creative way.</p> <p>Key Concepts: Form – What is it like?</p> <p>Function – How does it work?</p> <p>Related concepts: Sound, Movement, Stories, Imagination</p> <p>Lines of inquiry:</p> <ol style="list-style-type: none"> 1. Expressing ourselves through sound. 2. Expressing ourselves through movement. 3. Expressing ourselves visually. 	<p>Nature/Environment</p> <p>Central idea: Observing and investigating our environment helps us understand the world around us.</p> <p>Key Concepts: Change – How is it transforming?</p> <p>Causation – Why is it as it is?</p> <p>Related Concepts; Variables, Design, Evidence, Measurement, Causation</p> <p>Lines of inquiry:</p> <ol style="list-style-type: none"> 1. What is an investigation. 2. How can we investigate. 3. Communicating what we learn. 		<p>Living things/Plants</p> <p>Central idea: Choices we make can affect living things.</p> <p>Key Concepts: Connection – How is it linked to other things?</p> <p>Responsibility – What are our obligations?</p> <p>Related Concepts: Sustainability, Responsibility, Survival</p> <p>Lines of inquiry:</p> <ol style="list-style-type: none"> 1. Needs of plants. 2. Consequences of our choices on plants. 3. Our responsibility towards living things. (plants)

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P 1 5-6	<p>Healthy choices/Well-being</p> <p>Central idea: Making daily balanced choices promotes a healthy lifestyle.</p> <p>Key Concepts: Connection - How is it linked to other things?</p> <p>Causation – Why is it as it is?</p> <p>Responsibility – What are our obligations?</p> <p>Related Concepts: Choice, Lifestyle, Health</p> <p>Lines of Inquiry:</p> <ol style="list-style-type: none"> 1. Healthy habits and routines (mental, social, physical) 2. What a balanced lifestyle looks like. 3. Consequences of choices. 		<p>Stories</p> <p>Central idea: Stories are a means for expressing the beliefs and values of a culture.</p> <p>Key Concepts: Form – What is it like?</p> <p>Perspective – What are the points of view?</p> <p>Function – How does it work?</p> <p>Related Concepts: Interpretation, Messages, Stories, Theme.</p> <p>Lines of inquiry:</p> <ol style="list-style-type: none"> 1. Elements of stories. 2. Feelings and emotions that stories evoke. 3. How stories are created and shared. 	<p>Life Cycles</p> <p>Central idea: All living things go through a process of change.</p> <p>Key Concepts: Causation – Why is it as it is?</p> <p>Change – How is it transforming?</p> <p>Perspective – What are the points of view?</p> <p>Related Concepts: Patterns, Life cycles, Life and living.</p> <p>Lines of inquiry:</p> <ol style="list-style-type: none"> 1. Patterns of life cycles 2. How living things change over their life time. 3. Factors that can influence life cycles. 	<p>Process/Farm to Table</p> <p>Central idea: Many products go through a process of change before they are consumed or used.</p> <p>Key Concepts: Form – What is it like?</p> <p>Change – How is it transforming?</p> <p>Function – How does it work?</p> <p>Related Concepts: Product origins, Process</p> <p>Lines of inquiry:</p> <ol style="list-style-type: none"> 1. Origins of products 2. Changes products go through 3. How can we use a process to create a product. 	<p>Earth's Resources</p> <p>Central idea: People can make choices to support the sustainability of the Earth's resources.</p> <p>Key Concepts: Form – What is it like?</p> <p>Connection – How is it linked to other things?</p> <p>Responsibility – What are our obligations?</p> <p>Related Concepts: Lifestyle, Resources, Waste</p> <p>Lines of inquiry:</p> <ol style="list-style-type: none"> 1. Earth's finite and infinite resources 2. The impact of people's choices on the environment 3. Ways people can do to sustain the earth's resources.

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<p>Roles & Responsibilities</p> <p>Central Idea: The functioning of a community depends on people's actions.</p> <p>Key Concepts: Function - How does it work?</p> <p>Responsibility - What are our obligations?</p> <p>Connection - How is it linked to other things?</p> <p>Related Concepts: Community, responsibilities, consequences</p> <p>Lines of Inquiry:</p> <ol style="list-style-type: none"> 1. How a community functions. 2. The responsibilities of community members. 3. How the actions of people affect a community. 	<p>Simple Machines</p> <p>Central Idea: People use simple machines to help improve everyday life.</p> <p>Key Concepts: Function - How does it work?</p> <p>Causation - Why is it as it is?</p> <p>Change - How is it transforming?</p> <p>Related Concepts: Design, Technology, Forces</p> <p>Lines of Inquiry:</p> <ol style="list-style-type: none"> 1. Simple machines in everyday life. 2. How simple machines work. 3. Why we use simple machines. 	<p>Celebrations & Traditions</p> <p>Central Idea: Celebrations can express the traditions of a culture.</p> <p>Key Concepts: Form - What is it like?</p> <p>Connection - How is it linked to other things?</p> <p>Perspective - What are the points of view?</p> <p>Related Concepts: Traditions, Culture, Beliefs</p> <p>Lines of Inquiry:</p> <ol style="list-style-type: none"> 1. What are traditions and celebrations. 2. Why people have celebrations. 3. Similarities and differences between celebrations around the world. 	<p>Properties of Matter</p> <p>Central Idea: All things on Earth are either solid, liquid or gases and can be classified on the basis of their properties.</p> <p>Key Concepts: Form - What is it like?</p> <p>Change - How is it transforming?</p> <p>Function - How does it work?</p> <p>Related Concepts: Matter, Change, Properties</p> <p>Lines of Inquiry:</p> <ol style="list-style-type: none"> 1. Properties of matter. 2. How matter can change. 3. Why people choose materials for different purposes. 	<p>Structures/Needs</p> <p>Central Idea: Cities around the world create structures to meet the needs of the community.</p> <p>Key Concepts: Connection - How is it linked to other things?</p> <p>Function - How does it work?</p> <p>Form - What is it like?</p> <p>Related Concepts: Structures, Community, Organization</p> <p>Lines of Inquiry:</p> <ol style="list-style-type: none"> 1. What makes a city. 2. Similarities and differences between cities. 3. How a city meets the needs of the community. 	<p>Animal Growth & Survival</p> <p>Central Idea: Changes in the environment can affect animal growth and survival</p> <p>Key Concepts: Responsibility - What are our obligations?</p> <p>Causation - Why is it as it is?</p> <p>Change - How is it transforming?</p> <p>Related Concepts: Responsibility, Survival, Change</p> <p>Lines Of Inquiry:</p> <ol style="list-style-type: none"> 1. Changes in the environment that affect animals. 2. Reasons why animals are endangered. 3. Actions people can take to help animals.

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	<p>Body Systems</p> <p>Central Idea: Our body systems are connected and contribute to our health and survival.</p> <p>Key Concepts: Function – How does it work?</p> <p>Connection – How is it transforming?</p> <p>Responsibility – What are our obligations?</p> <p>Related Concepts: Interdependence, Systems, Life and living</p> <p>Lines of Inquiry:</p> <ol style="list-style-type: none"> 1. Body systems and how they work. 2. How body systems are interdependent. 3. Impact of lifestyle choices on the body systems. 	<p>Personal histories & journeys</p> <p>Central Idea: We can understand others by exploring their identity and personal journeys.</p> <p>Key Concepts: Form – What is it like?</p> <p>Change – How is it transforming?</p> <p>Connection – How is it linked to other things?</p> <p>Related Concepts: Journeys, Identity</p> <p>Lines of Inquiry:</p> <ol style="list-style-type: none"> 1. Significant people and events in the past and present. 2. How the people in the past influenced the present. 3. Sharing our personal journeys. 	<p>Signs and Symbols</p> <p>Central Idea: Signs and symbols facilitate local and global communication.</p> <p>Key Concepts: Function – How does it work?</p> <p>Perspective – What are the points of view?</p> <p>Causation – Why is it like as it is?</p> <p>Related Concepts: Symbols, Organization, Communication</p> <p>Lines of Inquiry:</p> <ol style="list-style-type: none"> 1. Signs and symbols around us. 2. How signs and symbols foster communication. 3. How we create signs and symbols. 	<p>Forces & Movement</p> <p>Central Idea: Investigating forces and movement lead us to new understandings of everyday life.</p> <p>Key Concepts: Change – How is it transforming?</p> <p>Connection – How is it linked to other things?</p> <p>Causation – Why is it like it is?</p> <p>Related Concepts: Forces, Movement, Inventions</p> <p>Lines of Inquiry:</p> <ol style="list-style-type: none"> 1. How things move. 2. The connection between forces and movement. 3. Forces in everyday life. 	<p>Money</p> <p>Central Idea: Money is a human-made system that allows economies to function.</p> <p>Key Concepts: Form – What is it like?</p> <p>Function – How does it work?</p> <p>Perspective – What are the points of view?</p> <p>Related Concepts: Systems, Value, Money</p> <p>Lines of Inquiry:</p> <ol style="list-style-type: none"> 1. Origins of money. 2. How people earn and use money. 3. Ways to use money wisely. 	<p>Water & Air</p> <p>Central Idea: Water and air are essential for living things to survive.</p> <p>Key Concepts: Form – What is it like?</p> <p>Responsibility – What are our obligations?</p> <p>Perspective – What are the points of view?</p> <p>Related Concepts: Cycles, Sustainability, Properties,</p> <p>Lines of Inquiry:</p> <ol style="list-style-type: none"> 1. Properties and characteristics of water and air. 2. Sources and Uses of water and air. 3. Steps we can do to sustain and keep the water and air clean.

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Rights & Responsibilities Central idea: Children worldwide face a variety of challenges and opportunities. Key concepts: Perspective – What are the points of view? Form – What is it like? Responsibility – What are our obligations? Related Concepts: Rights, Responsibilities, Equality Lines of Inquiry: 1. Challenges and opportunities children face. (local and global) 2. Rights and responsibilities of children. 3. How we protect children.	Exploration Central idea: Exploration leads to discoveries, opportunities and new understandings. Key Concepts: Causation – Why is it like it is? Connection – How is it linked to other things? Function – How does it work? Related Concepts: Exploration, Survival, Discovery Lines of Inquiry: 1. Reasons for exploration. 2. What we learn from exploration. 3. Planning an expedition.	Writing Central idea: Writing allows people to express their feelings, experiences, and values. Key concepts: Form – What is it like? Perspective – What are the points of view? Connection – How is it linked to other things? Related Concepts: Stories, Themes, Structure Lines of Inquiry: 1. Themes and structural features of texts. 2. Different perspectives within a text. 3. How writing conveys our ideas, beliefs and values.	Energy Central idea: Energy can be transformed, changed, and used in various ways. Key Concepts: Function – How does it work? Form – What is it like? Responsibility – What are our obligations? Related Concepts: Transformation, Sustainability, Properties Lines of inquiry: 1. Uses of energy. 2. Different energy sources. (renewable and non-renewable) 3. Sustainable energy practices.	Media Central idea: We use media to connect and communicate with others. Key Concepts: Form - What is it like? Function – How does it work? Responsibility – What are our obligations? Related Concepts: Digital Media, Expression, Impression Lines of Inquiry: 1. Media forms and techniques. 2. How media influences us. 3. How we produce media for specific purposes.	Needs and Characteristics of Plants & Animals Central idea: Plants and animals have specific adaptations to help them survive in their environment. Key Concepts: Change – How is it transforming? Causation – Why is it like it is? Connection – How is it linked to other things? Related Concepts: Characteristics, Needs, Living things Lines of inquiry: 1. Adaptations of plants and animals. 2. How animals and plants adapt to suit their environment. 3. What can be done to help plants and animals survive.

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	<p>Physical, Social & Emotional Changes</p> <p>Central idea: Changes people experience at different stages of their lives affect their evolving sense of self</p> <p>Key Concepts: Connection – How is it linked to other things? Perspective – What are the points of view? Form – What is it like?</p> <p>Related Concepts: Beliefs, Reproduction, Relationships</p> <p>Lines of inquiry:</p> <ol style="list-style-type: none"> 1. Beliefs and values contribute to who I am. 2. The physical, social and emotional changes that occur throughout life. 3. How relationships contribute to our self-image. 	<p>Ancient Civilization</p> <p>Central idea: Ancient civilizations shape present day systems and technologies.</p> <p>Key Concepts: Form – What is it like?</p> <p>Function – How does it work?</p> <p>Connection – How is it linked to other things?</p> <p>Related Concepts: Civilization, System, Technologies</p> <p>Lines of inquiry:</p> <ol style="list-style-type: none"> 1. Characteristics of civilizations. 2. Exploring ancient systems. 3. Why contribution of different hierarchies makes a civilization influential. 	<p>Media Literacy</p> <p>Central idea: Media has the power to influence thinking and behavior.</p> <p>Key Concepts: Causation – Why is it like it is?</p> <p>Perspective – What are the points of view?</p> <p>Responsibility – What are our obligations?</p> <p>Related Concepts: Media, Information, Influence</p> <p>Lines of inquiry:</p> <ol style="list-style-type: none"> 1. What is media. 2. How media influences our thinking and behavior. 3. What impact does media have on the choices we make? 	<p>Structures & Forces</p> <p>Central idea: Investigating structures and forces help us understand how the world works.</p> <p>Key Concepts: Form – What is it like?</p> <p>Causation – Why is it as it is?</p> <p>Change – How is it transforming?</p> <p>Related Concepts: Properties, Sequences, Growth</p> <p>Lines of inquiry:</p> <ol style="list-style-type: none"> 1. How structures interact with forces. 2. How structures can be manipulated based on what it is built with. 3. How our structures in our modern world have changed over time. 	<p>Economies</p> <p>Central idea: Physical features of the environment can affect societies' economies.</p> <p>Key Concepts: Responsibility – What are our obligations?</p> <p>Function – How does it work?</p> <p>Change – How is it transforming?</p> <p>Related Concepts: Needs, Wants, Disasters</p> <p>Lines of inquiry:</p> <ol style="list-style-type: none"> 1. The needs and wants of societies. 2. Economies are affected by its physical features and location. 3. Societies respond to changes that occur in the environment. 	<p>Conflict Resolution</p> <p>Central idea: Different perspectives can lead to conflict and affect peace around the world.</p> <p>Key Concepts: Change - How is it transforming?</p> <p>Function – How does it work?</p> <p>Causation – Why is it as it is?</p> <p>Related Concepts: Society, Culture, Relationships</p> <p>Lines of inquiry:</p> <ol style="list-style-type: none"> 1. What conflict is. 2. The types of conflict that exist in our planet. 3. The results that occur when conflict is resolved.

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P 6 10-11	<p>Personal, Social, and Emotional Changes/Well-being</p> <p>Central Idea: By balancing lifestyle, people contribute to their well - being.</p> <p>Key Concepts: Form - What is it like?</p> <p>Connection - How is it linked to other things?</p> <p>Function - How does it work?</p> <p>Related Concepts: Health, Interaction, Puberty</p> <p>Lines of Inquiry:</p> <ol style="list-style-type: none"> 1. Factors that affect our personal, physical, emotional and social well -being. 2. Physical and emotional changes affect social interactions. 3. Strategies for coping with change. 	<p>Migration</p> <p>Central Idea: Stories of migration build understanding of people's challenges and opportunities.</p> <p>Key Concepts: Perspective - What are the points of view?</p> <p>Causation - Why is it as it is?</p> <p>Responsibility - What are our obligations?</p> <p>Related Concepts: Interpretation, Contribution, Settlement</p> <p>Lines of Inquiry:</p> <ol style="list-style-type: none"> 1. The reasons why people migrate. 2. Migration throughout history. 3. Personal and social contributions of migration on communities and cultures. 	<p>EXHIBITION</p>	<p>Technology</p> <p>Central Idea: Advances in technology shape the way the world perceives development.</p> <p>Key Concepts: Change - How is it transforming?</p> <p>Connection - How is it linked to other things?</p> <p>Responsibility - What are our obligations?</p> <p>Related Concepts: Invention, Advances, Ingenuity</p> <p>Lines of Inquiry:</p> <ol style="list-style-type: none"> 1. What leads to technological advances. 2. How people use technology. 3. How ingenuity can help solve problems. 	<p>Government System</p> <p>Central Idea: Government systems determine the different communities in the society.</p> <p>Key Concepts: Causation - Why is it as it is?</p> <p>Connection - How is it linked to other things?</p> <p>Perspective - What are the points of view?</p> <p>Related Concepts: Citizenship, Systems, Leadership</p> <p>Lines of Inquiry:</p> <ol style="list-style-type: none"> 1. How government systems function. 2. Impact of leadership on society. 3. How citizens can contribute and monitor actions of their government. 	<p>Ecosystem</p> <p>Central Idea: Biological processes support adaptation and interconnectedness in the ecosystems.</p> <p>Key Concepts: Form - What is it like?</p> <p>Change - How is it transforming?</p> <p>Function - How does it work?</p> <p>Related Concepts: Interdependence, Habitat, Sustainability</p> <p>Lines of Inquiry:</p> <ol style="list-style-type: none"> 1. Elements of ecosystems. 2. Factors that affect the balance of ecosystems. 3. Our responsibility in sustaining our ecosystems.