

Programme of Inquiry 2019 - 2020

	An inquiry into Who we are	An inquiry into Where we are in place and time	An inquiry into How we express ourselves	An inquiry into How the world works	An inquiry into How we organize ourselves	An inquiry into 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 relationships within and between them; access to equal opportunities; peace and conflict resolution.
G r a d e 6	<p>Central idea The effective interactions between human body systems contribute to our well-being.</p> <p>Key concepts: form, function, responsibility</p> <p>Related concepts: systems, interaction, well-being</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -The different systems of the human body. (Form) -How the systems work together (Function) -Physical and emotional well-being (Responsibility) 	<p>Central idea Technology influences the way in which people access information and communicate.</p> <p>Key concepts: change, function, responsibility</p> <p>Related concepts: communication, technology, progress</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -Technology over time. (Change) -How we can use technology to access information. (Function) -How to communicate responsibly through technology. (Responsibility) 	<p>Central idea Self-expression can trigger emotions and represent traditions.</p> <p>Key concepts: Form, connection, perspective</p> <p>Related concepts: emotions, self-expression, culture</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -What are the types of self-expression. (Form) -What are the connections between self-expression and culture. (Connection) -The emotions that can be triggered by self-expression. (Perspective) 	<p>Central idea Survival necessitates adaptations and resourcefulness.</p> <p>Key concepts: function, connection, reflection</p> <p>Related concepts: adaptations, resources, survival</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -The resources that contribute to survival. (Function) -How adaptations are required to survive. (Connection) -The many situations where adaptations and resources are necessary in order to survive. (Causation) 	<p>Central idea Government systems influence the lives of citizens.</p> <p>Key concepts: form, connection, responsibility</p> <p>Related concepts: systems, citizenship, governments</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -The different types of government systems. (Form) -What are the similarities and differences between government systems. (Connection) -How citizens adapt their lives to their governance. (Responsibility) 	<p>Central idea Populations migrate in response to challenges and to access opportunities.</p> <p>Key concepts: causation, change, perspective</p> <p>Related concepts: population, migration, access</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -The patterns and causes of migration. (Causation) -The process and challenges of migration across countries. (Change) -Populations' rights for access to equal opportunities. (Perspective)

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Grade 5	<p>Central idea People can take ownership of their learning by thinking in a range of ways.</p> <p>Key concepts: function, perspective, responsibility</p> <p>Related concepts: diversity, behaviors of humans, ownership</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -How the brain works. (Function) -Different learning styles. (Perspective) -How humans can take ownership of their learning. (Responsibility) 	<p>Central idea Space exploration leads to discoveries, opportunities and new understanding.</p> <p>Key concepts: function, change, causation.</p> <p>Related concepts: progress, exploration, discoveries</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -The reasons for space exploration (Function) -The discoveries that have taken place over time (Change) -The consequences of space exploration (Causation) 	<p>Central idea Advertising creates messages to influence individuals and societies.</p> <p>Key concepts: function, causation, perspective</p> <p>Related concepts: media, society, influence</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -What we use advertising for and why. (Function) -How individuals and societies are impacted by advertising. (Causation) -How advertising helps us differentiate wants from basic needs. (Perspective) 	<p>Central idea Human lives are influenced by natural disasters.</p> <p>Key concepts: form, causation, connection</p> <p>Related concepts: influence, climate, physical changes, behaviours of humans</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -The different types of natural disasters. (Form) -How natural disasters are formed. (Causation) -How human lives are impacted by natural disasters. (Connection) 	<p>Central idea Industrialization originates from a desire to change and change has consequences.</p> <p>Key concepts: form, change, causation</p> <p>Related concepts: industrialization, consequences, properties and uses of materials,</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -Different perspectives on industrialization (Perspective) -The consequences of industrialization. (Causation) -The properties and outcomes of the industrialization period over time. (Change) 	<p>Central idea Human actions challenge our oceans' ecosystems.</p> <p>Key concepts: form, connection, responsibility</p> <p>Related concepts: impact, human behaviors, ecosystems</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -Ecosystems of the oceans. (Form) -How human actions impact ocean ecosystems. (Connection) -Why it is important to protect ocean ecosystems. (Responsibility)

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Grade 4	<p>Central idea Heroes from various cultures inspire the way people act in society</p> <p>Key concepts: form, causation, connection</p> <p>Related concepts: influence, culture, behavior of humans</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -Heroes in our society and culture. (Form) -What makes a hero. (Causation) -How people from various cultures are inspired by heroes. (Connection) 	<p>Central idea Landmarks provide insight into people's histories and cultures.</p> <p>Key concepts: form, causation, connection</p> <p>Related concepts: History, structures and cultures</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -Landmarks around the world (Form) -The connections between people's histories and landmarks (Connection) -The importance of landmarks on people's cultures (Responsibility) 	<p>Central idea Cartoonists use creativity to express ideas and values through comic strips.</p> <p>Key concepts: form, Perspective, Change</p> <p>Related concepts: beliefs and values, creativity, self-expression</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -The elements involved in a comic strip. (Form) - How cartoonists use their creativity to express their ideas and values. (Perspective) -Comic strips around the world. (Change) 	<p>Central idea Space exploration leads to our understanding in preserving our planet.</p> <p>Key concepts: form, function, responsibility</p> <p>Related concepts: space, exploration, preservation</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -The make-up of our solar system. (Form) -How planets work together in space. (Function) -Why it is important to preserve our planet. (Responsibility) 	<p>Central idea Change in perspective can lead to peace or conflict.</p> <p>Key concepts: change, causation, responsibility</p> <p>Related concepts: peace, conflict, perspective</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -How change can be positive or negative. (Change) -Conflict resolution and management. (Causation) -Living and working together peacefully. (Responsibility) 	<p>Central idea Fresh water is a limited resource on earth that needs to be managed effectively.</p> <p>Key concepts: form, function, responsibility</p> <p>Related concepts: distribution, environment, resources</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -Water and its' different uses. (Form) -How we capture and manage freshwater. (Function) -Our responsibility towards water. (Responsibility)

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G r a d e 3	<p>Central idea Developing friendships is important for interactions within our world.</p> <p>Key concepts: form, function, causation</p> <p>Related concepts: Friendship, interactions, behaviours of human</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -The qualities of a friend. (Form) -Why we need friends. (Causation) -How developing friendships impacts interactions within our world. (Function) 	<p>Central idea Explorations help us understand history and the present era.</p> <p>Key concepts: function, change, connection</p> <p>Related concepts: exploration, societies, history</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -Why do we explore the world. (Function) -How explorations have changed societies. (Change) -How explorations help us understand our present way of life. (Connection) 	<p>Central idea People use creativity to express their uniqueness.</p> <p>Key concepts: form, function, perspective</p> <p>Related concepts: Self-expression, creativity, diversity</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -What makes a person unique. (Form) -How is art used as a means of expression. (Function) -Appreciating our creative differences. (Perspective) 	<p>Central idea Humans apply their understanding of natural cycles.</p> <p>Key concepts: form, causation, connection</p> <p>Related concepts: cycles, behaviours of humans, impact</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -Cycles in the natural world. (Form) -What causes natural cycles on Earth. (Causation) -How cycles impact human lives on Earth. (Connection) 	<p>Central idea Communities are impacted by the involvement of its members.</p> <p>Key concepts: function, Perspective, Responsibility</p> <p>Related concepts: Participation organization, community</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -The function and roles of organizations. (Function) -Understanding that communities have different needs. (Perspective) -The involvement of members of a local community. (Responsibility) 	<p>Central idea All living things and non living things in biomes are interdependent on one another.</p> <p>Key concepts: form, connection, change</p> <p>Related concepts: interdependence, living things, biomes</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -What makes a biome. (Form) -The interdependence between living things and non living things in their biomes. (Connection) -The factors that cause change in biomes. (Change)

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G r a d e 2	<p>Central idea Social, cultural and personal factors influence our eating habits</p> <p>Key concepts: form, responsibility, causation</p> <p>Related concepts: Influence, choice, health</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -The characteristics of a balanced nutrition. (Form) -Our responsibilities to make healthy food choices. (Responsibility) -How social, cultural and personal factors influence our eating habits. (Causation) 	<p>Central idea Geographical location determines how we, as humans, live.</p> <p>Key concepts: form, change, causation</p> <p>Related concepts: Geography, location, adaptation</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -Different geographical formations. (Form) -Physical features of communities and regions. (Change) -How humans adapt to their geographical location. (Causation) 	<p>Central idea We can express and communicate ideas through creative writing</p> <p>Key concepts: form, function, perspective</p> <p>Related concepts: Communication, creativity, self-expression</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -What can be done with words. (Form) -How we can use creative writing to express ideas. (Function) -How different literary genres can be interpreted. (Perspective) 	<p>Central idea Interdependence between humans and insects is essential to the web of life</p> <p>Key concepts: form, change, causation</p> <p>Related concepts: Interaction, living things, metamorphosis</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -The characteristics of the insect world. (Form) -How insects grow and change. (Change) -The consequences of insects on humans. (Causation) 	<p>Central idea Roles and services shape a community.</p> <p>Key concepts: form, function, connection</p> <p>Related concepts: Communities, services, similarities and differences</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -What makes up a community. (Form) -How communities organize and provide services. (Function) -The similarities and differences in communities. (Connection) 	<p>Central idea Water is shared by all living things.</p> <p>Key concepts: form, function , connection</p> <p>Related concepts: resources, living things, interdependence</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -The types of water (Form) -Why living things need water? (Function) -Human uses of water impact all living things. (Connection)

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G r a d e 1	<p>Central idea Citizenship influences human choices and social interactions.</p> <p>Key concepts: form connection, causation</p> <p>Related concepts: citizenship, choices, interactions</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -What is citizenship. (Form) - The connection between citizenship, social interactions and the IB Learner Profile Attributes. (Connection) -How human choices influence citizenship. (Causation) 	<p>Central idea Knowing personal histories connects us to others.</p> <p>Key concepts: form Change, connection</p> <p>Related concepts: history, time, population</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -Different types of families. (Form) - How our personal history changed over time. (Change) - Similarities between personal histories. (Connection) 	<p>Central idea People practice traditions and celebrations based on their cultural beliefs.</p> <p>Key concepts: form, function, perspective</p> <p>Related concepts: culture, beliefs and values, diversity</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -Different types of celebrations and traditions (form) -The elements of celebrations and traditions (function) -How celebrations and traditions are related to cultural beliefs (perspective) 	<p>Central idea: Humans use living things for various needs.</p> <p>Key concepts: function, change, causation</p> <p>Related concepts: living things, needs, humans</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -Living things and their uses. (Function) -The processing of living things. (Change) -How the environment influences the variety of raw materials used to meet human needs. (Causation) 	<p>Central idea In a school community every member has responsibilities.</p> <p>Key concepts: form function, responsibility</p> <p>Related concepts: community, structure, education</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -Different school communities. (Form) -The organization of our school community. (Function) - Each member's responsibilities. (Responsibility) 	<p>Central idea Plants are an essential part of all life on earth.</p> <p>Key concepts: function, connection, responsibility</p> <p>Related concepts: interdependence, plants, living things</p> <p>An inquiry into:</p> <ul style="list-style-type: none"> -The structure of a plant and its functions. (Function) -The interconnectedness of plants and other living things. (Connection) -Our responsibility in caring for plants at home and in the wild. (Responsibility)

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K i n d e r g a r t e n	<p>Central idea People use their senses to explore their world.</p> <p>Key concepts: function, connection</p> <p>Related concepts: identity, physiology</p> <p>An inquiry into: -The 5 senses. (Function) -How do our senses help us connect to our world. (Connection)</p>	<p>Central idea Characteristics of civilizations help us connect with where we are in place and time.</p> <p>Key concepts: form, connection</p> <p>Related concepts: civilizations, history, culture</p> <p>An inquiry into: -Characteristics of a civilization. (Form) -The interconnectedness between civilizations. (Connection)</p>	<p>Central idea Color can be used to evoke different emotions.</p> <p>Key concepts: change perspective</p> <p>Related concepts: emotions, colors</p> <p>An inquiry into: -How colors change when they are mixed together. (Change) -How colours evoke various emotions in different people. (Perspective)</p>	<p>Central idea: Weather influences many decisions in our lives.</p> <p>Key concepts: form, causation</p> <p>Related concepts: climate, seasons, influence.</p> <p>An inquiry into: -How seasons affect weather. (Form) -How weather influences our decisions. (Causation)</p>		<p>Central idea Animals have certain needs to grow and stay healthy.</p> <p>Key concepts: causation, responsibility</p> <p>Related concepts: animals, needs, health</p> <p>An inquiry into: -What changes animal behaviours and why. (Causation). -Our responsibility towards animals so they can grow and prosper. (Responsibility)</p>