



Programme of Inquiry 2020-2021

	WHO WE ARE	HOW WE EXPRESS OURSELVES	WHERE WE ARE IN PLACE AND TIME	HOW WE ORGANIZE OURSELVES	HOW THE WORLD WORKS	SHARING THE PLANET
	<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>	<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>	<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>	<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>	<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>	<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>
PRE-K	<p>Central Idea</p> <p>Family relationships help shape who we are</p> <p>Key Concepts</p> <ul style="list-style-type: none"> Form Function Connection <p>Related Concepts</p> <ul style="list-style-type: none"> Similarities and differences Roles Relationships <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Family identity Roles within the family Family relationships 	<p>Central Idea</p> <p>Imagination allows one to think and express in different ways</p> <p>Key Concepts</p> <ul style="list-style-type: none"> Form Connection Perspective <p>Related Concepts</p> <ul style="list-style-type: none"> Imagination Interest Creativity Expression <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Exploring one's imagination Imagination leads to creativity Imagination can be expressed and enjoyed in different ways 			<p>Central Idea</p> <p>Light affects people's lives.</p> <p>Key Concepts</p> <ul style="list-style-type: none"> Form Connection Function <p>Related Concepts</p> <ul style="list-style-type: none"> Discovery Resources Conservation <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Natural and artificial light How shadows and reflections are created How light is used 	<p>Central Idea</p> <p>Plants sustain life on Earth</p> <p>Key Concepts</p> <ul style="list-style-type: none"> Form Connection Responsibility <p>Related Concepts</p> <ul style="list-style-type: none"> Ecosystem Resources Conservation <p>Lines of Inquiry</p> <ul style="list-style-type: none"> How plants grow How plants contribute to life on earth Human actions that affect plants

<p>K</p>	<p>Central Idea</p> <p>Knowing oneself helps people connect with others</p> <p>Key Concepts</p> <ul style="list-style-type: none"> • Responsibility • Perspective • Connection <p>Related Concepts</p> <ul style="list-style-type: none"> • Personal growth • Similarities and differences • Friendships • Collaboration <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • A person's responsibility to know one's strengths and weaknesses • Similarities and differences of people • Collaborating with different people 	<p>Central Idea</p> <p>Celebrations express what people value.</p> <p>Key Concepts</p> <ul style="list-style-type: none"> • Form • Causation • Perspective <p>Related Concepts</p> <ul style="list-style-type: none"> • features • values • Similarities and differences <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Features of a celebration • Purpose of celebrations • Different ways people celebrate 		<p>Central Idea</p> <p>People play different roles in communities.</p> <p>Key Concepts</p> <ul style="list-style-type: none"> • Form • Function • Responsibility <p>Related Concepts</p> <ul style="list-style-type: none"> • Structure • Roles • Systems <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Various communities we belong to • Roles of people who are part of our community • How a community achieves a goal 		<p>Central Idea</p> <p>People's actions affect the Earth's resources.</p> <p>Key Concepts</p> <ul style="list-style-type: none"> • Form • Causation • Change <p>Related Concepts</p> <ul style="list-style-type: none"> • Natural vs. manmade • Choices • Conservation <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Earth's resources and their uses • How human activity affects the availability of resources • Conservation of Earth's resources
<p>G1</p>	<p>Central Idea</p> <p>Making balanced and responsible choices lead to positive health and well-being.</p> <p>Key Concepts</p> <ul style="list-style-type: none"> • Responsibility • Causation • Perspective <p>Related Concepts</p> <ul style="list-style-type: none"> • Choice • Balance <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • What it means to be healthy • The effects of the choices that people make to their body • The different dimensions of well-being 	<p>Central Idea</p> <p>Images communicate ideas and information.</p> <p>Key Concepts</p> <ul style="list-style-type: none"> • Form • Function • Perspective <p>Related Concepts</p> <ul style="list-style-type: none"> • Communication • Interpretation <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Image as a medium of communication • How design elements of images support the communication process • How people interpret and respond to images 	<p>Central Idea</p> <p>Learning about the past helps people understand the present and the future.</p> <p>Key Concepts</p> <ul style="list-style-type: none"> • Form • Connection • Perspective <p>Related Concepts</p> <ul style="list-style-type: none"> • Generation • Similarities and differences • Experiences <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Learning about past generations • Connections of past and present generations • Practices and experiences worth 		<p>Central Idea</p> <p>The design of buildings and structures depends on environmental factors, human creativity, and available materials.</p> <p>Key Concepts</p> <ul style="list-style-type: none"> • Form • Connection • Causation <p>Related Concepts</p> <ul style="list-style-type: none"> • Design • Needs • Sustainability <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Designs of buildings and structures around us • Local architecture and its connection with the needs of the community 	

			keeping		<ul style="list-style-type: none"> Impacts of buildings and structures to the environment 	
G2	<p>Central Idea</p> <p>One's behavior influences building relationships within the community.</p> <p>Key Concepts</p> <ul style="list-style-type: none"> Form Causation Responsibility <p>Related Concepts</p> <ul style="list-style-type: none"> Relationship Values and Interests Perspective <p>Lines of Inquiry</p> <ul style="list-style-type: none"> The different kinds of relationships Factors that influence a relationship Maintaining a positive relationship 	<p>Central Idea</p> <p>People use different forms of expression to convey their emotions</p> <p>Key Concepts</p> <ul style="list-style-type: none"> Perspective Connection Reflection <p>Related Concepts</p> <ul style="list-style-type: none"> Uniqueness Self-expression Emotions <p>Lines of Inquiry</p> <ul style="list-style-type: none"> How people express their uniqueness Different forms of self-expression How emotions manifest through self-expression 	<p>Central Idea</p> <p>Records help people understand history.</p> <p>Key Concepts</p> <ul style="list-style-type: none"> Function Change Perspective <p>Related Concepts</p> <ul style="list-style-type: none"> Records History Benefits/Value <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Different kinds of records How records change overtime Benefits of recording 	<p>Central Idea</p> <p>People use systems to earn, spend, and manage money.</p> <p>Key Concepts</p> <ul style="list-style-type: none"> Form Connection Responsibility <p>Related Concepts</p> <ul style="list-style-type: none"> Money Systems Management <p>Lines of Inquiry</p> <ul style="list-style-type: none"> History of Money How money works Different ways of earning, spending, and managing money 	<p>Central Idea</p> <p>Living things need to adapt in order to survive.</p> <p>Key Concepts</p> <ul style="list-style-type: none"> Connection Perspective Change <p>Related Concepts</p> <ul style="list-style-type: none"> Habitat Needs Adaptation <p>Lines of Inquiry</p> <ul style="list-style-type: none"> What living things need in order to survive What living things do to survive How living things continuously adapt to changes 	<p>Central Idea</p> <p>Proper use of renewable and nonrenewable energy can help maintain the environment.</p> <p>Key Concepts</p> <ul style="list-style-type: none"> Form Causation Responsibility <p>Related Concepts</p> <ul style="list-style-type: none"> Energy Resources Conservation <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Different forms of energy How resources affect the formation of energy Different ways of saving energy
G3	<p>Central Idea</p> <p>Understanding different ways of learning enables people to respond to their own learning needs as well as those of others.</p> <p>Key Concepts</p> <ul style="list-style-type: none"> Form Responsibility Causation <p>Related Concepts</p> <ul style="list-style-type: none"> Interests Uniqueness Choice Interdependence <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Different intelligence and learning styles 	<p>Central Idea</p> <p>People create or manipulate messages to target specific audiences.</p> <p>Key Concepts</p> <ul style="list-style-type: none"> Form Connection Perspective <p>Related Concepts</p> <ul style="list-style-type: none"> Word Choice Context Expression Media <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Different forms of messages How images, text and tone are used to influence behaviour of target audiences 	<p>Central Idea</p> <p>Exploration leads to discovery and develops new understandings.</p> <p>Key Concepts</p> <ul style="list-style-type: none"> Change Causation Perspective <p>Related Concepts</p> <ul style="list-style-type: none"> Technology History Innovation <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Reasons for exploration Advantages and disadvantages of exploration Impact of exploration in present and future time 	<p>Central Idea</p> <p>Economic activity relies on systems of production, distribution, and consumption of goods and services.</p> <p>Key Concepts</p> <ul style="list-style-type: none"> Function Causation Responsibility <p>Related Concepts</p> <ul style="list-style-type: none"> Entrepreneurship Business Economics <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Economic activity in business Systems of production, distribution, and consumption of goods and services 	<p>Central Idea</p> <p>Materials undergo changes that may be both beneficial and detrimental to society and the environment.</p> <p>Key Concepts</p> <ul style="list-style-type: none"> Form Change Responsibility <p>Related Concepts</p> <ul style="list-style-type: none"> Properties Classification Environment <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Conditions that cause reversible and irreversible changes in materials 	<p>Central Idea</p> <p>Exercising your rights and responsibilities raises awareness and inspires others.</p> <p>Key Concepts</p> <ul style="list-style-type: none"> Function Responsibility Causation <p>Related Concepts</p> <ul style="list-style-type: none"> Knowledge Roles Influence <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Children's rights and responsibilities How children use their rights in dealing with challenges and risks Ways in which children inspire others to protect

	<ul style="list-style-type: none"> How to maximize learning potential using different learning styles How learning styles impact the way people engage in a learning community 	<ul style="list-style-type: none"> How people respond to messages 		<ul style="list-style-type: none"> Responsibility of producers and consumers 	<ul style="list-style-type: none"> How communities maximize the use of materials The impact of the use of materials on the environment 	<p>their rights</p>
G4	<p>Central Idea</p> <p>Interactions amongst the body systems contribute to health and survival</p> <p>Key Concepts</p> <ul style="list-style-type: none"> Function Causation Connection <p>Related Concepts</p> <ul style="list-style-type: none"> Systems Interactions Well-being <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Body systems and how they work How body systems are connected to function properly Impact of lifestyle choices on the body 	<p>Central Idea</p> <p>Use of different materials enhance creativity, imagination, and appreciation of art.</p> <p>Key Concepts</p> <ul style="list-style-type: none"> Form Change Perspective <p>Related Concepts</p> <ul style="list-style-type: none"> Properties Creativity Expression <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Different properties of materials Relating properties of materials to the artwork they are made into Different points of view in consuming materials and in interpreting an artwork 	<p>Central Idea</p> <p>Significant contributions of individuals throughout history and even today create connections amongst people.</p> <p>Key Concepts</p> <ul style="list-style-type: none"> Connection Causation Change <p>Related Concepts</p> <ul style="list-style-type: none"> History Transformation Impact <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Different life stories of the notable people in history up to the present Impact of people's experiences to others in the past and in present Societal changes at present influenced by the notable people 	<p>Central Idea</p> <p>Society's culture influences its organization.</p> <p>Key Concepts</p> <ul style="list-style-type: none"> Function Causation Change <p>Related Concepts</p> <ul style="list-style-type: none"> Culture Transformation Community <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Role of culture in society The influence of culture in the systems of a society How cultural changes affect systems in the society 	<p>Central Idea</p> <p>Understanding the continual changing nature of the Earth contributes to human survival</p> <p>Key Concepts</p> <ul style="list-style-type: none"> Form Change Responsibility <p>Related Concepts</p> <ul style="list-style-type: none"> Structure Adaptation Survival <p>Lines of Inquiry</p> <ul style="list-style-type: none"> How the different components of the Earth are interrelated Why and how the Earth has changed and is continuing to change Human response to the Earth changes 	<p>Central Idea</p> <p>Biodiversity relies on maintaining the interdependent balance of organisms within systems.criteria</p> <p>Key Concepts</p> <ul style="list-style-type: none"> Connection Function Responsibility <p>Related Concepts</p> <ul style="list-style-type: none"> Interdependence Ecosystems Sustainability <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Interdependence within ecosystems, biomes and environments Ways in which organisms are interconnected in nature How human interaction with the environment can affect the balance of systems
G5	<p>Central Idea</p> <p>Changes that people experience during adolescence have an impact on one's well-being.</p> <p>Key Concepts</p> <ul style="list-style-type: none"> Change Causation Responsibility <p>Related Concepts</p> <ul style="list-style-type: none"> systems, well-being system, transformation identity, maturity 	<p>Central Idea</p> <p>PYP Exhibition</p>	<p>Central Idea</p> <p>Challenges, risks, and opportunities influence human migration.</p> <p>Key Concepts</p> <ul style="list-style-type: none"> Form Causation Perspective <p>Related Concepts</p> <ul style="list-style-type: none"> migrants, refugees, factors 	<p>Central Idea</p> <p>Services and social enterprises respond to the needs of a community.</p> <p>Key Concepts</p> <ul style="list-style-type: none"> Form Function Connection <p>Related Concepts</p> <ul style="list-style-type: none"> roles, system organization, services social enterprise 	<p>Central Idea</p> <p>Different forms of technology impacts how people communicate with one another.</p> <p>Key Concepts</p> <ul style="list-style-type: none"> Function Causation Responsibility <p>Related Concepts</p> <ul style="list-style-type: none"> technological advances, innovation impact 	<p>Central Idea</p> <p>Conflicts are resolved by the actions and reactions of all involved.</p> <p>Key Concepts</p> <ul style="list-style-type: none"> Causation Perspective Responsibility <p>Related Concepts</p> <ul style="list-style-type: none"> Conflict Resources, equity Human rights

	<p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Changes that happen as individuals grow • Factors that contribute to well – being during adolescence • Physical, social, emotional, and intellectual responsibility for our own identity 		<p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Migration events in history • Causes of migration • Impact of migration on communities, cultures, and individuals 	<p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Distinct characteristics of communities • Different services and social enterprises in the community • How social enterprises meet the needs of the community 	<ul style="list-style-type: none"> • communication, choices <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • How different forms of communication technologies work • Impact of technology to society • Responsible use of technology 	<p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Causes of conflict locally and globally • Conflict resolution and management • Living and working together peacefully
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