

Elementary School Programme of Inquiry Academic Year 2017/18

Kindergarten						
	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 relationships within and between them; access to equal opportunities; peace and conflict resolution.
Subject Focus	PSPE, Social studies, Language		PSPE, Social studies	Science, Social studies		Science, PSPE
	<p>Central idea Family relationships contribute to shaping our identity.</p> <p>Key concepts: form, responsibility, reflection</p> <p>Related concepts: similarities and differences, belonging, roles</p>	NONE	<p>Central idea Through play we express our feelings and ideas and come to new understandings.</p> <p>Key concepts: function, connection, perspective</p> <p>Related concepts: imagination, creativity, communication</p>	<p>Central idea The Earth's natural cycles influence the activity of living things.</p> <p>Key concepts: causation, change, connection</p> <p>Related concepts: cycles, interaction, pattern</p>	NONE	<p>Central idea The sea is a habitat that needs to be preserved</p> <p>Key concepts: form, responsibility</p> <p>Related concepts: habitat, preservation</p>
	<p>Lines of inquiry Diversity of families</p> <p>Responsibilities within the family</p> <p>How families influence who we become</p>		<p>Lines of inquiry Communicating through play</p> <p>Imaginative use of materials</p> <p>The role of toys in play</p>	<p>Lines of inquiry Natural cycles (eg night and day, weather patterns, seasons)</p> <p>The actions people take in response to Earth's natural cycles</p> <p>Patterns of behaviour in living things related to Earth's natural cycles</p>		<p>Lines of inquiry</p> <p>What lives in the sea</p> <p>What sea creatures need to survive</p> <p>How our actions affect sea life</p>

Transition

	Who We Are	Where we are in time and place	How we Express ourselves	How the World Works	How we Organize Ourselves	Sharing the Planet
Subject Focus	PSPE, Social studies, Language		Language, Arts, PSPE	Science, PSE	Social studies, PSPE	Science, PSPE
	<p>Central idea People's relationships with each other can have an impact on well-being.</p> <p>Key concepts: function, connection, responsibility</p> <p>Related concepts: cooperation, friendship, balance</p>	NONE	<p>Central idea Stories can engage their audience and communicate meaning.</p> <p>Key concepts: form, connection, perspective</p> <p>Related concepts: communication, characterization, expression</p>	<p>Central Idea All living things go through a process of change</p> <p>Key concepts: causation, change, connection</p> <p>Related concepts: cycles, transformation, similarities and differences</p>	<p>Central idea People play different roles in the communities to which they belong</p> <p>Key concepts: form, function, responsibility</p> <p>Related concepts: community, rules interaction,</p>	<p>Central idea Animals and people interact in different ways in different contexts</p> <p>Key concepts: connection, form, responsibility</p> <p>Related concepts: characteristics, needs, relationships</p>
	<p>Lines of inquiry</p> <p>How we develop relationships</p> <p>How relationships affect us</p> <p>Roles and behaviours within relationships</p>		<p>Lines of inquiry</p> <p>How to construct an effective story</p> <p>What stories can convey</p> <p>How stories are created and shared</p> <p>Feelings and emotions that stories evoke</p>	<p>Lines of Inquiry</p> <p>Patterns of growth</p> <p>How living things change over their Lifetime</p> <p>Factors that can influence life cycles</p>	<p>Lines of inquiry</p> <p>Various communities we belong to</p> <p>Roles of people who are part of our Communities</p> <p>How communities are organized</p>	<p>Lines of Inquiry</p> <p>Characteristics of animals and their needs</p> <p>The different roles animals play in people's lives</p> <p>Our responsibility for the well-being of animals</p>

Grade 1

	Who We Are	Where we are in time and place	How we Express ourselves	How the World Works	How we Organize Ourselves	Sharing the Planet
Subject Focus	PSPE, Science, Social studies	PSPE, Social studies	Social studies, Arts PSPE	Science	Science, Social studies	Science, PSPE
	<p>Central idea Awareness of our characteristics, abilities and interests informs our learning and development</p> <p>Key concepts: form, perspective, reflection</p> <p>Related concepts: identity, similarity and differences</p>	<p>Central idea Homes reflect cultural influences and local conditions.</p> <p>Key concepts: form, connection, perspective</p> <p>Related concepts: culture, ownership, locality, needs</p>	<p>Central idea Celebrations and traditions are expressions of shared beliefs and values.</p> <p>Key concepts: form, connection, perspective</p> <p>Related concepts: beliefs, values, belonging, culture</p>	<p>Central idea The properties of a material affect how we choose to use it</p> <p>Key concepts: form, function, responsibility</p> <p>Related concepts: behavior, prediction,</p>	<p>Central idea Food is supplied by a number of different people</p> <p>Key concepts: change, connection, Responsibility</p> <p>Related concepts: components, process, choice</p>	<p>Central idea Plants sustain life on Earth and play a role in our lives.</p> <p>Key concepts: causation, perspective, responsibility</p> <p>Related concepts: interdependence, appreciation</p>
	<p>Lines of inquiry Physical, social and emotional Characteristics</p> <p>Similarities and differences between ourselves and others</p> <p>Personal abilities and interests</p>	<p>Lines of inquiry</p> <p>What constitutes a home</p> <p>How homes reflect family values</p> <p>How homes reflect local culture</p> <p>Factors that determine where people live</p>	<p>Lines of inquiry</p> <p>Why people celebrate</p> <p>Features of traditions and celebrations</p> <p>Symbolic representations of celebrations and traditions</p> <p>What meaning people assign to celebrations and traditions</p>	<p>Lines of inquiry</p> <p>The properties of different materials</p> <p>The behavior of materials</p> <p>Using our understanding of properties to choose material</p>	<p>Lines of inquiry</p> <p>Origins of food</p> <p>How food is processed</p> <p>Distribution of food (How different foods get to us)</p> <p>How people select the food products they use</p>	<p>Lines of inquiry</p> <p>Caring for plants</p> <p>Products we derive from plants</p> <p>How plants contribute to life on Earth</p>

Grade 2

	Who We Are	Where we are in time and place	How we Express ourselves	How the World Works	How we Organize Ourselves	Sharing the Planet
Subject Focus	PSPE, Science, Social studies,	PSPE, Social studies	Arts, language	Science, Social studies	Social studies	Social studies, PSPE
	<p>Central idea The choices people make affect their health and well-being</p> <p>Key concepts: form, causation, responsibility,</p> <p>Related concepts: choice, influence, balance, self-regulation, goal-setting</p>	<p>Central idea Learning about previous generations helps us understand the relationship between the past and the present.</p> <p>Key concepts: causation, change, connection</p> <p>Related concepts: time/chronology, continuity, heritage</p>	<p>Central idea Images communicate ideas and information.</p> <p>Key concepts: function, connection, Perspective</p> <p>Related concepts: creativity, communication, imagery, aesthetics</p>	<p>Central idea People apply their understanding of forces and energy to invent and create.</p> <p>Key concepts: change, form, function,</p> <p>Related concepts: sustainability, ingenuity, perseverance, technology, energy, forces</p>	<p>Central idea Communities create transportation systems that meet their needs.</p> <p>Key concepts: form, function, change</p> <p>Related concepts: network, technology, sustainability, community</p>	<p>Central idea People interact with, use and value local environments in different ways.</p> <p>Key concepts: form, change, responsibility</p> <p>Related concepts: conservation, development, interdependence, sustainability, citizenship</p>
	<p>Lines of inquiry</p> <p>What it means to have a balanced lifestyle</p> <p>How the choices we make affect our health</p> <p>Different sources of information that help us make choices</p>	<p>Lines of inquiry</p> <p>Ways to find out about the past</p> <p>How aspects of the past still influence us today</p> <p>Why some behaviours and practices have changed or remained the same over time</p>	<p>Lines of inquiry</p> <p>The use of static images in different media</p> <p>How design elements of images support communication</p> <p>How we interpret and respond to images</p>	<p>Lines of inquiry</p> <p>Inventions that impact people's lives</p> <p>How circumstances lead to the creation of important inventions</p> <p>How understanding forces and energy helps inventors</p>	<p>Lines of inquiry</p> <p>Features of different transportation systems</p> <p>Decisions involved in using transportation</p> <p>How systems of transportation respond to changing needs</p>	<p>Lines of inquiry</p> <p>Natural and human-made elements of local environments</p> <p>How local environments address people's needs</p> <p>How natural spaces are valued in local environments</p>

Grade 3

	Who We Are	Where we are in time and place	How we Express ourselves	How the World Works	How we Organize Ourselves	Sharing the Planet
Subject Focus	PSPE, Social studies Language	Science, Social studies	Arts, Language, PSPE	Social studies, Science	Social studie, PSPE	Social studies, Science, PSPE
	<p>Central idea We choose models to develop who we want to be.</p> <p>Key concepts: connection, reflection, perspective</p> <p>Related concepts: identity, peer pressure, opinion</p>	<p>Central idea Exploration leads to an evolving world.</p> <p>Key concepts: function, causation, perspective</p> <p>Related concepts: exploration, discovery, geography</p>	<p>Central idea We express our uniqueness through different forms of art.</p> <p>Key concepts form, reflection, perspective,</p> <p>Related concepts: perception, self expression</p>	<p>Central idea The Earth is always changing - the changes affect us.</p> <p>Key concepts: connection, change, causation</p> <p>Related concepts: geology, adaptation, weather, energy</p>	<p>Central idea Organisations help find solutions for countries in need</p> <p>Key concepts: form, function, responsibility</p> <p>Related concepts: Geography Interdependence Diversity Culture</p>	<p>Central idea Water is essential for life on Earth.</p> <p>Key concepts: function, change, responsibility</p> <p>Related concepts: Lifestyle, Resources, renewable and non-renewable energy sources, systems (water cycle)</p>
	<p>Lines of Inquiry We are connected with the role models we choose</p> <p>The difference in choices we make for ourselves</p> <p>Showing empathy for others</p>	<p>Lines of inquiry Methods and reasons for exploration</p> <p>Consequences of exploration</p> <p>How people view exploration events in different ways</p>	<p>Lines of inquiry The different forms of art</p> <p>How the elements of art enable us to reflect and improve</p> <p>The ways that art can have a variety of interpretations</p>	<p>Lines of Inquiry How the different components of the Earth are interrelated</p> <p>Why the Earth has changed and is continuing to change</p> <p>Human response to the Earth's changes</p>	<p>Lines of inquiry The services offered by NGOs</p> <p>The need for NGOs in different countries</p> <p>Our responsibility towards countries in need</p>	<p>Lines of inquiry The sources and uses of water (function)</p> <p>How Water changes its form as it goes through the water cycle (change)</p> <p>The distribution and availability of usable water (responsibility)</p>

Grade 4

	Who We Are	Where we are in time and place	How we Express ourselves	How the World Works	How we Organize Ourselves	Sharing the Planet
Subject Focus	PSPE, Social studies	Social studies,	Social studies, Arts Language	Social studies, Science	PSPE, Social studies, Maths	Social studies, Science, PSPE
	<p>Central idea Systems that define beliefs and values offer explanations about the world around us and what it means to be human.</p> <p>Key concepts: causation, perspective, reflection</p> <p>Related concepts: Diversity, Perception, religion, activism</p>	<p>Central idea An interpretation of the past can be reconstructed so contributing to our understanding of peoples' histories</p> <p>Key concepts: function, reflection, connection</p> <p>Related concepts: history, inference, deduction</p>	<p>Central idea Throughout history, people have interacted with each other and communicated using arts.</p> <p>Key concepts: change, connection, perspective</p> <p>Related concepts: aesthetics, metaphor</p>	<p>Central idea Energy may be transformed and used to support human progress.</p> <p>Key concepts: form, causation, Responsibility</p> <p>Related concepts: conservation, transformation</p>	<p>Central idea Economic activity relies on systems of production, exchange and consumption of goods and services.</p> <p>Key concepts: function, connection, Responsibility</p> <p>Related concepts: interdependence, inequity, fair trade</p>	<p>Central idea When interacting with natural habitats, humans make choices that have an impact on other living things.</p> <p>Key concepts: causation, change, responsibility</p> <p>Related concepts: habitat, interdependence, behavioural adaptation, diversity</p>
	<p>Lines of inquiry</p> <p>How different factors can influence our beliefs and values (family, community, culture, education)</p> <p>Our values and beliefs as individuals and a community.</p> <p>How we show our beliefs and values.</p>	<p>Lines of inquiry</p> <p>Methods of finding out what happened in the past.</p> <p>The different types of sources we can use to interpret the past.</p> <p>The need to use a range of sources to get a more complete picture of past events.</p>	<p>Lines of inquiry</p> <p>How people communicate through arts</p> <p>The role of arts in different cultures, places and times</p> <p>Development of art forms over time</p>	<p>Lines of Inquiry</p> <p>Different sources and forms of energy (renewable and non-renewable)</p> <p>How energy is used (transformation)</p> <p>Sustainable energy practices</p>	<p>Lines of inquiry</p> <p>The role of supply and demand</p> <p>The distribution of goods and services</p> <p>Our responsibility as consumers</p>	<p>Lines of inquiry</p> <p>Balance between rights and responsibilities when interacting with natural habitats</p> <p>Human impact on natural habitats</p> <p>How living things respond to changing environmental conditions</p>

Grade 5

	Who We Are	Where we are in time and place	How we Express ourselves	How the World Works	How we Organize Ourselves	Sharing the Planet
Subject Focus	PSPE, Science	PSPE, Social studies	Language, Arts	Social studies, Science	PSPE, Social studies	Social studies, Science
	<p>Central idea Knowledge of human body systems contributes to health and survival</p> <p>Key concepts: function, connection, responsibility</p> <p>Related concepts: health, systems, interdependence</p>	<p>Central idea Human migration is a response to dangers, challenges, and opportunities</p> <p>Key concepts: change, causation, perspective</p> <p>Related concepts: Impact, Integration, Settlement</p>	<p>Central idea We can use our creativity to express ideas and persuade others</p> <p>Key concepts: function, perspective, reflection</p> <p>Related concepts: media, advertising, propaganda</p>	<p>Central idea The behaviour of materials in different conditions can provide us with benefits and challenges</p> <p>Key concepts: function, change, responsibility</p> <p>Related concepts: sustainability, transformation, industrialization</p>	<p>Central idea Technology changes the way people access information and connect to each other.</p> <p>Key concepts: function, causation, connection</p> <p>Related concepts: networks, access, ethics, platform</p>	<p>Central idea Biodiversity relies on maintaining the interdependent balance of organisms within systems</p> <p>Key concepts: connection, responsibility, causation</p> <p>Related concepts: balance, biodiversity, interdependence</p>
	<p>Lines of inquiry</p> <p>How body systems work</p> <p>Causes and prevention of health problems</p> <p>Choices we can make to achieve a balanced lifestyle</p>	<p>Lines of inquiry</p> <p>The different reasons for migration</p> <p>The different points of view about migration</p> <p>Migration in history and the changes it brought</p>	<p>Lines of inquiry</p> <p>How images, text and music are used to influence behaviour of target audiences</p> <p>Critical evaluation of messages presented in the media</p> <p>How people respond to messages</p>	<p>Lines of Inquiry</p> <p>Conditions that cause reversible and irreversible changes in materials</p> <p>How societies take advantage of the properties of materials</p> <p>The impact of retrieval, production and the use of materials on the environment</p>	<p>Lines of inquiry</p> <p>How we use technology and how it can help us organize our lives</p> <p>Evaluating information</p> <p>Our responsibility in virtual environments</p>	<p>Lines of inquiry</p> <p>Ways in which ecosystems, biomes and environments are interdependent</p> <p>How human interaction with the environment can affect the balance of systems</p> <p>The consequences of imbalance within ecosystems</p>

Grade 6

	Who We Are	Where we are in time and place	How we Express ourselves	How the World Works	How we Organize Ourselves	Sharing the Planet
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Subject Focus	Science, social studies, PSPE, Language	Social studies, Maths, Language	Social studies, Arts, Language	Social studies, Science, Maths, Language	Exhibition	PSPE, Social studies, Language
	<p>Central idea Understanding identities can affect self worth and relationships</p> <p>Key concepts: causation, perspective, responsibility</p> <p>Related concepts: identity, perception, self-worth, culture, relationships, media</p>	<p>Central idea People's ideas and actions can cause a shift in thinking and change the course of history</p> <p>Key concepts: change, causation, perspective</p> <p>Related concepts: continuity, progress, difference, validity</p>	<p>Central Idea Creativity helps us express and communicate</p> <p>Key concepts: Function, Connection, Perspective</p> <p>Related concepts: Creativity, Society, communication, expression, feelings</p>	<p>Central idea Scientific knowledge of the universe is always expanding</p> <p>Key concepts: causation, connection, function</p> <p>Related concepts: innovation, climate, time zones, evidence, gravity, system, human needs</p>		<p>Central idea Finding peaceful solutions to conflict leads to a better quality of human life.</p> <p>Key concepts: perspective, causation, responsibility</p> <p>Related concepts: conflict, diversity, justice</p>
	<p>Lines of inquiry</p> <p>What makes our identity</p> <p>What we think of others</p> <p>How we treat others</p>	<p>Lines of inquiry</p> <p>Significant events and people that have changed history</p> <p>Ways that the world may continue to change in the future</p> <p>Different perspectives of change</p>	<p>Lines of Inquiry</p> <p>How art helps us express and communicate</p> <p>The role of art in society</p> <p>Different responses to art</p>	<p>Lines of Inquiry</p> <p>Causes of scientific knowledge expansion</p> <p>How the scientific process works</p> <p>How scientific understanding/knowledge of the universe affects our lives</p>		<p>Lines of inquiry</p> <p>Causes of conflict</p> <p>Conflict resolution and management</p> <p>Living and working together peacefully</p>