

Programme of Inquiry 2017-2018

Grade	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 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 the 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.
KINDERGARTEN	<p>CI: People grow and change over time.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> How our bodies grow/change Using the five senses to conduct simple science investigations How we are special in different ways <p>Key Concepts: Function, Change, Form Related Concepts: Systems, Growth, Structure</p> <p>Timeline: Aug. Sept.</p>	<p>CI: Countries have symbols and traditions reflecting the beliefs, values, and heritage of their culture.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Cultural symbols and traditions Personal representation of history Reasons for holidays and celebrations <p>Key Concepts: Perspective, Responsibility, Form Related Concepts: Beliefs, Values, Similarities</p> <p>Timeline: Nov. Dec.</p>	<p>CI: Stories can inform and strengthen imaginations so that readers can develop their own understanding.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Retelling favorite stories including characters, action, setting How stories make us feel and help us learn Creating and conveying stories Listening to stories from around the world <p>Key Concepts: Function, Perspective, Reflection Related Concepts: Communication, Opinion, Interpretation Timeline: Oct. Nov.</p>	<p>CI: Many related factors cause organisms to change.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Weather and climate Life cycles of plants Classifying different types of matter Earth changes <p>Key Concepts: Form, Change, Causation Related Concepts: Structure, Cycles, Impact</p> <p>Timeline: Feb. March</p>	<p>CI: Communities can be changed by their members and the different services they may provide.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Maps/Globes Geographic formations Community Helpers Goods and Services <p>Key Concepts: Responsibility, Function, Reflection Related Concepts: Initiative, Roles, Behavior</p> <p>Timeline: Jan. Feb.</p>	<p>CI: Environmental adaptations impact growth and survival.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Factors that impact environments Organisms live in areas where their needs are met. Organisms use body parts for survival. <p>Key Concepts: Causation, Connection, Change Related Concepts: Impact, Interdependence, Adaptation</p> <p>Timeline: April May</p>
FIRST	<p>CI: Our actions affect others</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Characteristics of citizens Contributions of individuals Responsibility for one's self (action) <p>Key Concepts: Responsibility, Reflection, Causation Related Concepts: Rights, Behavior, Consequences</p> <p>Timeline: Aug. Sept</p>	<p>CI: Families and communities reflect cultures.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Cultures around the world Needs and wants of families around the world (methods of obtaining goods) Transportation Geographic concepts (maps) <p>Key Concepts: Connection, Function, Perspective Related Concepts: Relationships, Systems, Geography</p> <p>Timeline: March, April</p>	<p>CI: People use various types of communication to inform and entertain.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Impact of communication Fiction and non-fiction Basic research and presentation skills <p>Key Concepts: Perspective, Reflection, Form Related Concepts: Investigation, Interpretation, Structure</p> <p>Timeline: May</p>	<p>CI: Objects in the solar system determine how our world works.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Properties and functions of sun, moon, and earth Effects of the earth's movement Exploring light and shadows <p>Key Concepts: Function, Change, Form Related Concepts: Systems, Cycles, Properties</p> <p>Timeline: Jan. Feb</p>	<p>CI: Communities function more effectively when citizens work together and have responsibilities.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Characteristics/actions of citizens Responsibility of government Authority figures within the family, school, and community <p>Key Concepts: Function, Form, Connection Related Concepts: Roles, Structure, Interdependence</p> <p>Timeline: Nov. Dec. Jan</p>	<p>CI: We have a responsibility to take care of our planet so it continues to provide for us.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Uses of natural resources and how to conserve them The Earth's composition Plant parts, their functions, needs, and uses Natural habitats <p>Key Concepts: Causation, Change, Connection Related Concepts: Conservation, Adaptation, Cycles</p> <p>Timeline: Sept. Nov.</p>

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<p style="text-align: center;">SECOND</p>	<p>CI: Diverse cultures contribute to our heritage.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Cultures and traditions • Contributions of people • Changes in a community over time • Influences that affect settlement <p>Key Concepts: Perspective, Form, Change Related Concepts: Beliefs, differences, transformation</p> <p>Timeline: Oct. Nov.</p>	<p>CI: An understanding of structure and function encourages participation within systems.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Roles within systems • Laws of nature and society • The Democratic process <p>Key Concepts: Connection, Function, Responsibility Related Concepts: Systems, Justice, Roles</p> <p>Timeline: Feb. Mar.</p>	<p>CI: People use different forms of expression to show their uniqueness.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Folktales • Story elements • Figurative language • Story structure <p>Key Concepts: Form, Perspective, Reflection Related Concepts: Structure, Subjectivity, Interpretation</p> <p>Timeline: Dec. Jan.</p>	<p>CI: Changes occur and influence decisions.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Weather patterns • Reading maps • Severe weather in our world • Matter in our world <p>Key Concepts: Change, Connection, Causation Related Concepts: Cause/Effect, Systems, Decision-making</p> <p>Timeline: Aug. Sept.</p>	<p>CI: Humans are dependent on one another.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Supply and demand within the exchange of goods • Producers and consumers • Roles of community workers • Monetary responsibility in our society <p>Key Concepts: Function, Connection, Reflection Related Concepts: Interdependence, Responsibility, Roles</p> <p>Timeline: Mar. April</p>	<p>CI: Animals' basic needs are met in specific environments.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Classification of animals • Animal life cycles • Basic needs of animals/habitats • Environmental responsibility <p>Key Concepts: Form, Causation, Change Related Concepts: Life cycles, responsibility, adaptation</p> <p>Timeline: April May</p>
<p>Grade</p>	<p>Who We Are</p>	<p>Where We are in Place and Time</p>	<p>How We Express Ourselves</p>	<p>How the World Works</p>	<p>How We Organize Ourselves</p>	<p>Sharing the Planet</p>
<p style="text-align: center;">THIRD</p>	<p>CI: Exploration and discovery can cause both cooperation and conflict.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Reasons for exploration • Benefits and effects of resources of particular areas for settlement • Perspectives of explorers and native peoples <p>Key Concepts: Responsibility, Perspective, Connection Related Concepts: Values, Beliefs, Relationships</p> <p>Timeline: Oct. Nov.</p>	<p>CI: The journey to independence requires conflict resolution and cooperation.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • Changes that result from independence • Reasons and methods people use to gain independence • Rights and responsibilities of citizens <p>Key Concepts: Change, Causation, Perspective Related Concepts: Conflict, Independence, Impact</p> <p>Timeline: Dec. Feb.</p>	<p>CI: People apply knowledge to create communication with others.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Reasons and methods people use to communicate • Gathering, using and sharing informational resources • Creating informational compositions <p>Key Concepts: Function, Perspective, Reflection Related Concepts: Communication, Evidence, Opinion</p> <p>Timeline: April May</p>	<p>CI: Resources affect our lives.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Composition of Earth's surface • Changes that occur to features of Earth's surface • Effects of natural forces on inhabitants • Effects of natural resources on human systems <p>Key Concepts: Form, Connection, Change Related Concepts: Structure, Systems, Transformation</p> <p>Timeline: Sept. Oct.</p>	<p>CI: People use a variety of systems organize their lives.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Organization, interpretation, analysis, predictions about data • Scientific process and scientific inquiry • Use of graphic organizers, including maps • Use of organizational systems, including government <p>Key Concepts: Form, Function, Reflection Related Concepts: Systems, Order</p> <p>Timeline: Aug. Sept</p>	<p>CI: Changes in environmental characteristics can cause adaptations in systems.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Physical and behavioral adaptations that allow organisms to survive • The behavior of organisms within their habitats • Environmental changes can affect the survival of all organisms <p>Key Concepts: Change, Responsibility, Function Related Concepts: Adaptation, Initiative, Behavior</p> <p>Timeline: Feb. Mar.</p>

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<p style="text-align: center;">FOURTH</p>	<p>CI: The environment helps determine how a culture develops.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • The spread of populations across the Earth • Physical environments determine ways of life • Weather affects environments and populations <p>Key Concepts: Connection, Change, Function Related Concepts: Culture, Migration, Environments</p> <p>Timeline: Aug. Sept.</p>	<p>CI: Curiosity, competition, and innovation lead to exploration.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Causes of exploration • Accomplishments of early explorers • Changes in technology and navigation • Effects of exploration <p>Key Concepts: Causation, Change, Reflection Related Concepts: Exploration, Innovation, Contribution</p> <p>Timeline: Sept. Oct.</p>	<p>CI: Poetry allows us to express ideas and emotions.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Elements of Poetry • Figurative language • Types of poetry <p>Key Concepts: Form, Perspective, Reflection Related Concepts: Structure, Communication, Interpretation</p> <p>Timeline: Mar. Apr.</p>	<p>CI: Systems interact using forms of energy.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Forms of energy • Properties of sound: pitch and volume • Properties of light: brightness, color, and visibility • Communication using sound <p>Key Concepts: Function, Connection, Form Related Concepts: Behavior, Systems, Properties</p> <p>Timeline: Oct. Dec.</p>	<p>CI: Nations establish authority to govern the rights and responsibilities of its citizens.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Types of governments • How governments are organized • Rights and responsibilities of the people • Roles and responsibilities of government leaders <p>Key Concepts: Responsibility, Function, Connection Related Concepts: Rights, Systems, Interdependence</p> <p>Timeline: Feb. Mar.</p>	<p>CI: Prejudice and sectionalism cause conflict.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Prejudice and sectionalism • Conflict resolution • Responsibility of government leaders in conflict • Responsibility of citizens during national conflict <p>Key Concepts: Causation, Responsibility, Perspective Related Concepts: Conflict, Initiative, Motivation</p> <p>Timeline: April May</p>
<p style="text-align: center;">FIFTH</p>	<p>CI: Perspective and behavior impact the world.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Causes of conflict • Impact of conflict • Impact of humans <p>Key Concepts: Causation, Function, Perspective Related Concepts: Conflict, Behavior, Beliefs</p> <p>Timeline: Feb. Apr.</p>	<p>CI: Movement may cause conflicts or cooperation within human and environmental systems.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Effects of settlement on the natural environment (causation) • Changes in the physical and human system (change) • Conflicts and cooperation between civilizations and environments (responsibility) <p>Key Concepts: Causation, Change, Responsibility Related Concepts: Movement, Transformation, Systems</p> <p>Timeline: Aug. Oct.</p>	<p>CI: Culture and conditions can change over time.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Cultural exchanges in fashion, food, and entertainment • Interdependence among countries • Advancements in the rights of individuals • Substances change <p>Key Concepts: Change, Causation, Form Related Concepts: Impact, Conditions, Culture</p> <p>Timeline: April, May</p>	<p>CI: Technological advancements and cultural contributions cause changes around the world.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Inventors and scientists • Push and pull factors • Immigrants' contributions to change <p>Key Concepts: Function, Causation, Connection Related Concepts: Change, Impact, Contributions</p> <p>Timeline: Oct. Dec.</p>	<p>CI: The economy and natural forces affect society in a variety of ways.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Economic boom-and-bust • Political instability and subsequent worldwide response • How natural forces affect the land <p>Key Concepts: Change, Reflection, Perspective Related Concepts: Contributions, Impact, Change</p> <p>Timeline: Jan. Feb.</p>	<p style="text-align: center;">5th Grade Exhibition</p> <p>CI: Interacting systems depend on each other to respond to natural disasters.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Types of natural disasters • How to prepare for natural disasters • Systems in place for responding to natural disasters <p>Key Concepts: All</p> <p>Timeline: Ongoing throughout year</p>

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