

Programme of Inquiry 2017-2018

	Who We Are 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; <u>rights and responsibilities</u> ; what it means to be human.	Where We Are in Place & Time An inquiry into <u>orientation in place and time</u> ; 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.	How We Express Ourselves An inquiry into <u>the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values</u> ; the ways in which we reflect on, extend and enjoy our creativity; our appreciation of the aesthetic.	How the World Works An inquiry into <u>the natural world and its laws</u> ; 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.	How We Organize Ourselves An inquiry into the <u>interconnectedness</u> 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.	Sharing The Planet An inquiry into rights and responsibilities in the struggle to share finite resources with other people and with other living things; communities and between them; access to equal opportunities; <u>peace and conflict resolution</u> .
K	<p>CENTRAL IDEA: People learn about themselves and others by sharing with friends and trying new things.</p> <p>KEY CONCEPTS: Reflection, Connection, Perspective</p> <p>Related Concepts: <i>Friendship, Tolerance, Interaction</i></p> <p>Lines of Inquiry: -Personal histories -Our similarities and differences -Being open-minded (10/2-10/27)</p>	<p>CENTRAL IDEA: There are many ways to learn about the <i>world</i>.</p> <p>KEY CONCEPTS: Form, Reflection, Perspective</p> <p>Related Concepts: Directions, Learning tools, location</p> <p>Lines of Inquiry: -Maps, models, location and landmarks -Ways of knowing -Homes and stories from around the world (1/10-2/23)</p>	<p>CENTRAL IDEA: People express their cultures and values through traditions and celebrations</p> <p>KEY CONCEPTS: Form, Function, Causation</p> <p>Related Concepts: traditions, similarities and differences</p> <p>Lines of Inquiry: -Ways people celebrate -Traditions people celebrate -Reasons people celebrate (11/6-12/21)</p>	<p>CENTRAL IDEA: Properties of objects determine how they are used</p> <p>KEY CONCEPTS: Form, Function, Change</p> <p>Related Concepts: materials, senses, sound</p> <p>Lines of Inquiry: -Properties of objects -Uses of materials -Manipulating materials (2/26-4/13)</p>	<p>CENTRAL IDEA: Systems bring order and safety to a community.</p> <p>KEY CONCEPTS: Form, Function, Connection</p> <p>Related Concepts: citizenship, rules, patterns, roles</p> <p>Lines of Inquiry: -Where we find systems in the community -The purpose of systems -The relationship between community helpers and systems (8/21-9/29)</p>	<p>CENTRAL IDEA: Sharing and problem solving can meet needs and wants..</p> <p>KEY CONCEPTS: Causation, Responsibility, Reflection</p> <p>Related Concepts: Problem solving, needs and wants, sharing</p> <p>Lines of Inquiry: -Meeting needs and wants -The difference between needs and wants -The role of problem solving (4/16-5/31)</p>
1	<p>CENTRAL IDEA: Actions have consequences.</p> <p>KEY CONCEPTS: Causation, Responsibility, Reflection</p> <p>Related Concepts: Actions, Consequences, Motion</p> <p>Lines of Inquiry: -Actions and consequences -Taking responsibility for our actions -Reflecting on consequences (8/21-9/30)</p>	<p>CENTRAL IDEA: Families and places change over time.</p> <p>KEY CONCEPTS: Form, Change, Causation</p> <p>Related Concepts: landforms, families, past, present, future</p> <p>Lines of Inquiry: -Map symbols and their purpose -Ways families and places evolve -events and their effects (10/2-11/10)</p>	<p>CENTRAL IDEA: Communication allows us to connect with others</p> <p>KEY CONCEPTS: Form, Connection, Perspective</p> <p>Related Concepts: Communication, Heritage, Symbols</p> <p>Lines of Inquiry: - Forms of communication -Connection between reading and writing -Interpretation of symbols (11/16-12/2)</p>	<p>CENTRAL IDEA: Objects may be changed in many ways</p> <p>KEY CONCEPTS: Form, Causation, Change</p> <p>Related Concepts: Matter, Force, Measurement</p> <p>Lines of Inquiry: - Characteristics of liquids and solids -The effects of pushing and pulling -Changes due to heating and cooling (1/9- 2/23)</p>	<p>CENTRAL IDEA: A community is shaped by its members</p> <p>KEY CONCEPTS: Function, Connection, Causation</p> <p>Related Concepts: Community, Needs and wants, goods and services</p> <p>Lines of Inquiry: -Different communities and their functions -the impact of people's actions on communities -Interdependence within communities (needs, wants, goods services) (2/26-4/20)</p>	<p>CENTRAL IDEA: Living things depend on resources in their environment</p> <p>KEY CONCEPTS: Function, Connection, Change</p> <p>Related Concepts: Cycles, habitat, foods chain</p> <p>Lines of Inquiry: - How basic needs are met within a habitat -The connection between the sun and survival -Changing properties of water (4/23-5/30)</p>

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<p>2 CENTRAL IDEA: Attitudes influence relationships KEY CONCEPTS: Reflection, Change, Perspective Related Concepts: Conflict, culture, relationships Lines of Inquiry: - Managing and resolving conflict - Relationships may change based on attitudes - Understanding and respecting others (8/15- 9/22)</p>	<p>CENTRAL IDEA: Geography and culture shape communities KEY CONCEPTS: Form, Connection, Change Related Concepts: Geography, culture, symbols, climate Lines of Inquiry: - Maps and landforms - The connection between where people live and their lifestyle - Modifications in landscape and culture (1/22-3/9)</p>	<p>CENTRAL IDEA: Expression takes on a variety of forms. KEY CONCEPTS: Form, Perspective, reflection Related Concepts: Poetry, Structure, Culture Lines of Inquiry: - The structure and strategy of writing - Point-of-view of characters and artists - Understanding cultural influence in expression (5/1-5/26)</p>	<p>CENTRAL IDEA: The relationship between science and technology contributes to innovation KEY CONCEPTS: Function, Causation, Connection Related Concepts: Invention, predictability, structure, movement Lines of Inquiry: - The Role of Scientific Inquiry and technology - How forces change the motion of an object - Factors that affect earth's weather patterns (changes in energy) (3/12-4/27)</p>	<p>CENTRAL IDEA: Economic activities depend on goods and/or services KEY CONCEPTS: Form, Function, connection Related Concepts: Resources, economics, goods and services Lines of Inquiry: - Goods and service - Ways people use money to buy goods and services - The connection between people and economics (11/27-1/19)</p>	<p>CENTRAL IDEA: Environments change over time KEY CONCEPTS: Change, Causation, Connection Related Concepts: Environment, Human Activity - Living things function and interact in their habitat - The causes and effects of changes in the environment - The water cycle (9/27-11/22)</p>
<p>3 CENTRAL IDEA: People create systems to promote expectations KEY CONCEPTS: Function, Connection, responsibility Related Concepts: Systems, government, community Lines of Inquiry: - the function of community systems - The relationship between government and citizens - The responsibilities of community members (8/21-9/29)</p>	<p>CENTRAL IDEA: Resources and action play a role in the community and the environment. KEY CONCEPTS: Function Causation, Perspective Related Concepts: Resources, community, change Lines of Inquiry: - Resources in the community - The influence of resources in daily life - Viewpoints about changes in the community (4/3-4/30)</p>	<p>CENTRAL IDEA: Ideas and knowledge inspire creativity and action KEY CONCEPTS: Function, Causation, Perspective Related Concepts: Poetry, informational writing Lines of Inquiry: - Ways we share information - The impact of ideas and knowledge on our creativity and our actions - The influence of culture and beliefs on expression and action. (5/1- 6/1)</p>	<p>CENTRAL IDEA: Energy and matter exist in different forms and interact in various ways. KEY CONCEPTS: Form, Causation, Change Related Concepts: Matter, Energy Lines of Inquiry: - The properties of matter and energy - Changes in states of matter - The impact of the relationship between energy and matter (10/16-12/1)</p>	<p>CENTRAL IDEA: Economic choices and decisions play a role in the marketplace KEY CONCEPTS: Function, Responsibility, Reflection Related Concepts: Economics, Choice Lines of Inquiry: - The role of economic systems - Economic decision making - Effects of economic decisions on the individual, the community and the world (12/4-2/9)</p>	<p>CENTRAL IDEA: Biodiversity affects the survival of organisms. KEY CONCEPT: Change, Connection, responsibility Related Concepts: Traits and behaviors, resources, cycles Lines of Inquiry: - Life cycles, adaptations, and traits - The interdependence between living things and the environment - Individual and collective power to protect the earth and its resources (2/12-3/22)</p>

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4	<p>CENTRAL IDEA: Governments use rules and laws to influence the lives of citizens. KEY CONCEPTS: Form, Causation, Responsibility Related Concepts: Democracy, Systems, Structure, Organization Lines of Inquiry: - Governments structures - the impact of rules and laws on order - Responsibility of the government to its citizens (4/30-5/31)</p>	<p>CENTRAL IDEA: Migration may be a response to human circumstances. KEY CONCEPTS: Causation, Connection, Perspective Related Concepts: Migration, Immigration, Exploration Lines of Inquiry: - The connection between migration and human circumstances - Causes and effects of migration - Perspectives on immigrants (10/4-11/15)</p>	<p>CENTRAL IDEA: Perspective influences interpretation and appreciation KEY CONCEPTS: Connection, Reflection, Perspective Related Concepts: Figurative Language, Primary and Secondary Sources Lines of Inquiry: - The relationship between language and visual interpretation - The impact of experiences on knowledge and ideas - Ways we interpret information (11/27-1/19)</p>	<p>CENTRAL IDEA: Changes in the environment transform the ecosystem. KEY CONCEPTS: Form, Causation, Change Related Concepts: Ecosystems, Balance Lines of Inquiry: - Physical features of an ecosystem - Natural and manmade causes that result in alteration of an ecosystem - Changes in ecosystems (8/21-9/29)</p>	<p>CENTRAL IDEA: Ideas, location and action influence infrastructure KEY CONCEPTS: Change, Causation, Responsibility Related Concepts: Economics, budgeting Lines of Inquiry: - Infrastructure influences society - The causes and results of human innovation - Responsible spending and budgeting (1/21-3/22)</p>	<p>CENTRAL IDEA: Forms of leadership emerge to influence conflict and peace. KEY CONCEPTS: Function, Change, Responsibility Related Concepts: Leadership, influence, initiative Lines of Inquiry: - Roles of leaders - Actions of leaders - The ability to influence a situation (4/3-4/29)</p>
5	<p>CENTRAL IDEA: Diverse perspectives expand our knowledge of the world KEY CONCEPTS: Function, Responsibility, Perspective Related Concepts: Government, public discourse, civic engagement Lines of Inquiry: - Purposes of different governmental systems - Civic participation - Understanding public issues by interpreting information from multiple sources (8/24-10/5)</p>	<p>CENTRAL IDEA: Global civilizations from the past shape modern life KEY CONCEPTS: Causation, Connection, Reflection Related Concepts: Culture, Population, Exploration Lines of Inquiry: - Effects of exploration and colonization - Ancient cultural structures and modern society - Global influences on the Western Hemisphere (10/9-11/21)</p>	<p>CENTRAL IDEA: KEY CONCEPTS/LOI: EXHIBITION (4/11-5/23)</p>	<p>CENTRAL IDEA: Observation and experimentation open the door to understanding how the world works. KEY CONCEPTS: Function, Connection, Reflection Related Concepts: Sound, Motion, Experimentation Lines of Inquiry: - Predictable behaviors of light, sound, force and motion - The relationship between scientific knowledge and our understanding of the world - the importance of reliable evidence (2/5 -3/23)</p>	<p>CENTRAL IDEA: Specialization leads to interdependence within communities. KEY CONCEPTS: Form, Causation, Connection Related Concepts: Economics, trade Lines of Inquiry: - Features that drive systems - Effects of limited resources - The connection between elements within systems (4/3-5/1)</p>	<p>CENTRAL IDEA: Relationships happen interdependently within systems KEY CONCEPT: Connection, Causation, Change Related Concepts: Cycles, patterns, Characteristics Lines of Inquiry: - Relationships within ecosystems - The effect of change within a system - celestial patterns and cycles (117-2/2)</p>