

2018-19 Hayes Elementary Programme of Inquiry

	<u>Who we are</u>	<u>Where we are in place and time</u>	<u>How we express ourselves</u>	<u>How the world works</u>	<u>How we organize ourselves</u>	<u>Sharing the planet</u>
	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.
K	<p>Central Idea: People and their jobs provide goods and services to help communities.</p> <p>Key Concepts: causation, connection</p> <p>Related Concepts: relationships, community</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • The different communities we belong to • The roles of community helpers • Ways that community helpers meet our needs and wants 	<p>Central Idea: Knowing about ourselves and our personal histories enables us to celebrate who we are.</p> <p>Key Concepts: change, perspective, reflection</p> <p>Related Concepts: family, uniqueness</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Things that make us special • Ways to learn about the past • Similarities and differences between ourselves and others 	<p>Central Idea: Symbols and celebrations are used to communicate ideas and culture.</p> <p>Key Concepts: perspective, causation</p> <p>Related Concepts: traditions, beliefs and values, culture</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Different symbols and celebrations • Similarities and differences of symbols and celebrations around the world • Reasons people use symbols and celebrations to communicate 	<p>Central Idea: We use our senses to explore and learn about the world.</p> <p>Key Concepts: form, function and connection</p> <p>Related Concepts: exploration, systems</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Why senses are important • What would happen without one of your senses • How we see, hear, taste, touch, and smell • How people and animals use senses to explore our world 	<p>Central Idea: We create systems to sort things and organize ourselves.</p> <p>Key Concepts: form, causation, responsibility</p> <p>Related Concepts: patterns, characteristics, systems</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Observing and identifying similarities and differences in the world around us • Ways we can sort things using multiple methods • Reasons we create rules and sorting systems • Systems in our classroom and school 	<p>Central Idea: Plants and animals live and grow in habitats.</p> <p>Key Concepts: connection, causation</p> <p>Related Concepts: cause-effect, habitats</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • The things living things need to survive • Features of habitats • Adaptations and characteristics of plants and animals • Consequences of losing habitats
1st	<p>Central Idea: Connections create and explain relationships.</p> <p>Key Concepts: connection, function, responsibility</p> <p>Related Concepts: identity, belonging, citizenship</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • My unique identity and culture • Human relationships, including friends, families, and communities • Our responsibilities as a member of a community 	<p>Central Idea: Curiosities lead to exploring for new discoveries.</p> <p>Key Concepts: function, causation, and reflection</p> <p>Related Concepts: Exploration, curiosity, discovery</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • The discoveries explorers have made • Reasons why people explore our world • Ways we can explore the world around us 	<p>Central Idea: Creative expression is unique to the individual.</p> <p>Key Concepts: form and perspective</p> <p>Related Concepts: creativity, expression</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Different ways stories can be communicated • Story elements • Ways we like to be creative 	<p>Central Idea: Living things grow and change in predictable cycles.</p> <p>Key Concepts: form, change, and connection</p> <p>Related Concepts: systems, cycles, growth</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • How plants and animals grow and change • How plants and animals belong to a family • The basic needs of all living things 	<p>Central Idea: Values, wants and needs influence our choices.</p> <p>Key Concepts: causation, reflection, and perspective</p> <p>Related Concepts: wants and needs, value, costs and benefits</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Things we value as individuals and communities • Ways we need our needs and wants • The costs and benefits of different decisions • Ways wants and needs change over time 	<p>Central Idea: Communities depend on the exchange of resources.</p> <p>Key Concepts: connection and causation</p> <p>Related Concepts: trade, resources, scarcity</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Connections between location and resources • Reasons people exchange resources • Ways resources are shared around the world through imports and exports

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2nd	<p>Central Idea: Rights and responsibilities influence communities.</p> <p>Key Concepts: function and responsibility</p> <p>Related Concepts: rights and responsibilities, community</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Rights and responsibilities in communities we are a part of • Ways individual choices influence a community • Rights of people around the world 	<p>Central Idea: Movement, whether chosen or forced, causes change.</p> <p>Key Concepts: perspective, change, and causation</p> <p>Related Concepts: movement, migration</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • How movement causes change • Results of change • Different perspectives on movement 	<p>Central Idea: Ideas, feelings, and information are communicated through a variety of media.</p> <p>Key Concepts: form, function, reflection</p> <p>Related Concepts: Purpose, Structure</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Ways authors use text features to locate and organize information • A range of purposes and media for communicating • Advantages and disadvantages of different forms of communication 	<p>Central Idea: The cycles that drive our world are interconnected.</p> <p>Key Concepts: causation, change and connection</p> <p>Related Concepts: cycles, systems, interdependence</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Growth and transformation • Ways different cycles are connected • Consequences of disrupting a cycle • Sustaining systems 	<p>Central Idea: Individual and societal decision-making impacts humankind and the environment.</p> <p>Key Concepts: perspective, responsibility, function</p> <p>Related Concepts: appreciation, resources, balance</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • The value and balance of natural, capital, and human resources • Availability and use of resources in different places and situations • Ways our decisions impact our lives and the lives of others 	<p>Central Idea: Understanding different perspectives helps resolve conflicts.</p> <p>Key Concepts: reflection and perspective</p> <p>Related Concepts: conflict, strategies</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Identifying and understanding problems • Ways conflict can be resolved • The role of perseverance in overcoming obstacles • Working together and compromising
3rd	<p>Central Idea: Decisions reveal the beliefs and values of individuals and communities.</p> <p>Key Concepts: reflection, responsibility, and causation</p> <p>Related Concepts: beliefs and values, discourse</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • How beliefs and values cause people to take action • Ways groups of people make decisions • Consequences of different decisions • People's rights and responsibilities in different communities 	<p>Central Idea: Learning about history helps us understand the connection between the past and the present.</p> <p>Key Concepts: connection and reflection</p> <p>Related Concepts: chronology, interdependence</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • People and events that have made a significant impact • How aspects of the past still influence us today • Ways events or people may be recognized, locally or globally • Ways to find out about the past 	<p>Central Idea: Individuals find inspiration from the environment and their life experiences.</p> <p>Key Concepts: perspective and reflection</p> <p>Related Concepts: voice, inspiration, purpose, expression</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Different expressions of creativity • Poems that are inspired by environment and life experiences • Figurative language 	<p>Central Idea: Sound and light transform daily life.</p> <p>Key Concepts: form, function, connection</p> <p>Related Concepts: properties, impact</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Properties of sound and light • How light and sound are used in daily life • The absence of sound and light 	<p>Central Idea: The economy relies on systems of production, exchange, and consumption of goods and services.</p> <p>Key Concepts: connection, function, responsibility</p> <p>Related Concepts: systems, interdependence</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • The role of supply and demand • The distribution of goods and services • Our responsibilities as consumers 	<p>Central Idea: Connections exist and evolve among systems, places, and living things.</p> <p>Key Concepts: form, causation, and connection</p> <p>Related Concepts: cycles, interconnectedness</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • The reproduction, growth, and survival of plants and animals • Inherited and acquired traits • The relationship between habitats, landforms, and living things • Patterns found in systems, places, and living things
4th	EXHIBITION	<p>Central Idea: People create and use maps for a variety of purposes.</p> <p>Key Concepts: form, function, change</p> <p>Related Concepts: borders, geography</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Different types of maps and their purposes • Features of maps • Ways mapping has changed over time 	<p>Central Idea: Tales are passed down to teach beliefs and values.</p> <p>Key Concepts: causation and connection</p> <p>Related Concepts: truth, beliefs, and values</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • The characteristics of different types of tales • Lessons learned from characters' actions • Comparisons and contrasts of different tales 	<p>Central Idea: Discovery and understanding of natural laws allows humans to innovate.</p> <p>Key Concepts: Connection and Change</p> <p>Related Concepts: Systems and relationships, sequences and transformation.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • The properties of magnets and electricity • The relationship between magnets and electricity • How one invention led to other invention 	<p>Central Idea: Location helps define the way people live.</p> <p>Key Concepts: Causation, Connection</p> <p>Related Concepts: Location, Impact</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • The connection between geography and lifestyle • Ways physical features and climate affect population • How economy is influenced by location and physical features 	<p>Central Idea: Human use of natural resources affects access and sustainability.</p> <p>Key Concepts: responsibility, change, and connection</p> <p>Related Concepts: cycles, resources, conservation</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Physical properties of natural resources • Natural cycles • Human use of natural resources • Our responsibility to share finite resources