

2020-2021 Stevenson 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: All people are unique.</p> <p>Key Concepts: form, responsibility, connection</p> <p>Related Concepts: Similarities and differences, relationships</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • My physical characteristics • Myself as part of my family and school • My feelings, attitudes, and actions 	<p>Central Idea: Where you live and your traditions impact daily lives.</p> <p>Key Concepts: form and causation</p> <p>Related Concepts: impact, similarities and differences</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Habitats found around the world • How people live in their community • Cultures and traditions around the world • Compare and contrast habitats and traditions 	<p>Central Idea: Stories are told in different ways to express feelings, culture, and beliefs.</p> <p>Key Concepts: form and perspective</p> <p>Related Concepts: structure, similarities and differences</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Stories told from different cultures • Stories told from different character perspectives • The elements of a story 	<p>Central Idea: Survival is impacted by living and non-living things.</p> <p>Key Concepts: form, function, change, and connection</p> <p>Related Concepts: living and non-living, classification, and survival</p> <p>Lines of Inquiry</p> <p>The different parts of plants and their function</p> <p>The differences between living and nonliving things</p> <p>Relationships between living and nonliving things</p>	<p>Central Idea: People and their jobs provide goods and services for our communities.</p> <p>Key Concepts: causation and connection</p> <p>Related Concepts: roles and responsibilities, community</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • The roles of community members • The goods and services community members provide • Ways community members meet our needs and wants 	
1st	<p>Central Idea: Making connections with each other shape friendships.</p> <p>Key Concepts: connection and perspective</p> <p>Related Concepts: community, relationships</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • People's similarities and differences • Valuing others • Understanding emotions of others • How to create and maintain friendships 	<p>Central Idea: Learning about the past can influence the future</p> <p>Key Concepts: connection, perspective, change, and causation</p> <p>Related Concepts: exploration, impact, initiative</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Historical events and their contributions • How the past influences the present 	<p>Central Idea: Creative expression can communicate feelings and ideas.</p> <p>Key Concepts: form, perspective and reflection</p> <p>Related Concepts: Interpretation, Opinion</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Different types of creative expression • How to communicate ideas and feelings • How writers share their perspectives and opinions 	<p>Central Idea: Challenges create opportunities for adaptation</p> <p>Key Concepts: function, change, connection, and causation</p> <p>Related Concepts: cycles, sequences, growth</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • How plants and animals adapt to their environment • How the environment is affected by plants and animals • Earth processes (weather) 	<p>Central Idea: People shape how communities function.</p> <p>Key Concepts: Responsibility and function</p> <p>Related Concepts: Citizenship and systems</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Process of establishing rules • Rights and responsibilities of people in a community 	<p>Central Idea: Communities can be shaped by human and physical characteristics</p> <p>Key Concepts: connection and function</p> <p>Related Concepts: trade and scarcity</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Where resources are located throughout the world • How resources help structure a community • How resources are shared around the world • Choices people make because of available resources

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2ⁿ d	<p>Central Idea: Actions shape communities.</p> <p>Key Concepts: responsibility, form, and function</p> <p>Related Concepts: Culture, Identity, Similarities and Differences</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Ways citizens influence communities • Responsibilities within a community • The connections between our history and civic identity 	<p>Central Idea: Experiences influence perspectives.</p> <p>Key Concepts: change, causation, and form</p> <p>Related Concepts: adaptation, impact, location, tool</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • How we use and describe maps • Causes of change over time • How people respond to change 	<p>Central Idea: Authors use elements to help readers understand nonfiction writing.</p> <p>Key Concepts: form, function, and reflection</p> <p>Related Concepts: structure, purpose</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Types of nonfiction writing • The elements of nonfiction writing • An author's purpose 	<p>Central Idea: Habitats are necessary to sustain life.</p> <p>Key Concepts: change and connection</p> <p>Related Concepts: adaptation, relationships, habitats, classification</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • How habitats are sustained through predator/prey relationships • How an animal's physical characteristics allow them to live in a habitat • The impact of human activity on habitats 	<p>Central Idea: People's economic decisions are based on values and available wealth.</p> <p>Key Concepts: form, function, change</p> <p>Related Concepts: systems, wealth, values, priorities</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • How and why trade systems have changed over time • The trade-offs of an economic decision • Ways our values influence how we spend money 	<p>Central Idea: People identify a problem and take action to change or create a system.</p> <p>Key Concepts: perspective, causation, responsibility</p> <p>Related Concepts: impact, justice, innovation</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Ways people innovate and take action • The causes and effects of peoples' actions • Responsibilities to take action
3rd	<p>Central Idea: Actions shape communities</p> <p>Key Concepts: causation, change, responsibility</p> <p>Related Concepts: connection, identity</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • The role of citizenship in our society • Reasons for being a democracy. Compare and contrast with dictatorship. • The importance of Civic Discourse 	<p>Central Idea: Interconnected discoveries and relationships impact civilization.</p> <p>Key Concepts: Form, function, causation, change</p> <p>Related Concepts: civilization, cause and effect</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Methods of communication • Daily life • Influence of the environment • Impact of individuals and/or groups 	<p>Central Idea: Goals drive diverse actions.</p> <p>Key Concepts: function, perspective, and causation</p> <p>Related Concepts: communication, subjectivity, and systems</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • An inquiry into the practice of science & engineering • Systems & their purpose • Evidence & patterns in the natural world 	<p>Central Idea: Scientific inquiry prompts discovery.</p> <p>Key Concepts: function and causation</p> <p>Related Concepts: scientific process</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • What it means to explore, investigate, and observe • The properties of light • The predictable patterns in the universe 	<p>Central Idea: Production and consumption require resources.</p> <p>Key Concepts: perspective and connection</p> <p>Related Concepts: wants and needs, availability</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Reasons and ways people exchange goods, services, and resources • The relationship between personal goals and economic choices • The role of planning, budgeting, saving, spending, and borrowing 	<p>Central Idea: Interactions among organisms determine survival.</p> <p>Key Concepts: form, causation, and connection</p> <p>Related Concepts: reproduction, growth, survival</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • How inherited and acquired traits affect the structure of plants and animals • Ways habitat and interactions with other organisms influence behavior and survival • The effects and responsibilities of humans sharing the planet
4th	<p>Central Idea: Understanding your rights, roles, and responsibilities can help you make balanced choices.</p> <p>Key Concepts: connection and responsibility</p> <p>Related Concepts: balance, community, problem solving, government</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Rights, roles, and responsibilities in the school community • Rights, roles, and responsibilities to yourself • Rights, roles, and responsibilities as a citizen 	<p>Central Idea: Physical geography has an impact on distribution of people and human interactions with the environment.</p> <p>Key Concepts: connection and causation</p> <p>Related Concepts: geography, settlement, modification</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Different geographic features found around the world • Impact of human interaction on the environment • The relationship between location and population 	<h1 style="margin: 0;">EXHIBITION</h1> <p>Choices people make have an effect on the world.</p>	<p>Central Idea: People's needs can be met through the use of energy in different forms, magnetic and electric.</p> <p>Key Concepts: change and function</p> <p>Related Concepts: innovation, impact</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Advances in electrical inventions • Types of energy and energy transfer • Electrical circuits 	<p>Central Idea: Economic decision-making is interconnected with the design process.</p> <p>Key Concepts: function, change, reflection</p> <p>Related Concepts: engineering, design</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Economic decision-making • The engineering process • Evaluation and improvement of design 	<p>Central Idea: Water and rocks are essential to life and are a limited resource to many people.</p> <p>Key Concepts: Form, Change, Responsibility</p> <p>Related Concepts: cycles, conservation, resources</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Properties of rocks and water • Cycles of rocks and water • Water as a limited resources and our responsibility to conserve it • An inquiry into the composition of rocks and minerals