

King Elementary POI 2018-2019

	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 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: Children worldwide are the same and different. An Inquiry into:</p> <ul style="list-style-type: none"> • cultural characteristics • physical characteristics • similarities and differences between people <p>Key Concepts: Form, Connection, Perspective Related concepts: Culture, Identity Learner Profile: Open-minded, Balanced</p> <p style="text-align: center;">3rd</p>	<p>Central Idea: People use places for a variety of purposes. An Inquiry into:</p> <ul style="list-style-type: none"> • use of space • changes of places • development <p>Key Concepts: Function, Causation, Change Related concepts: Spatial Organization, Location, Human Environments Learner Profile: Inquirers</p> <p style="text-align: center;">5th</p>	<p>Central Idea: Actors use drama to represent stories to an audience. An Inquiry into:</p> <ul style="list-style-type: none"> • elements of story • role of actors • role of the audience <p>Key Concepts: Change, Perspective, Reflection Related concepts: Communication Learner Profile: Risk-takers, Communicators</p> <p style="text-align: center;">2nd</p>	<p>Central Idea: Scientists observe the world. An Inquiry into:</p> <ul style="list-style-type: none"> • framing questions • methods of observation • methods of data collection <p>Key Concepts: Form, Function, Reflection Related concepts: Systems, Patterns, Organization Learner Profile: Knowledgeable, Thinker</p> <p style="text-align: center;">4th</p>	<p>Central Idea: School is a place to learn. An Inquiry into:</p> <ul style="list-style-type: none"> • function of different locations • factors that influence learning • routines and movement <p>Key Concepts: Function, Causation, Responsibility Systems, Physical Environment, Public Space Learner Profile: Caring, Principled</p> <p style="text-align: center;">1st</p>	<p>Central Idea: Plants and animals interact in a habitat. An Inquiry into:</p> <ul style="list-style-type: none"> • features of a habitat • impact of humans on a habitat • relationships within a habitat <p>Key Concepts: Form, Connection, Responsibility Related concepts: Interdependence, Systems Learner Profile: Reflective</p> <p style="text-align: center;">6th</p>

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1	<p>Central Idea: Factors influence how families live.</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> • similarities and differences of factors that affect families • wants and needs • impact of physical environments <p>Key Concepts: Connection, Causation, Perspective</p> <p>Related concepts: Culture, Identity, Values and Beliefs</p> <p>Learner Profile: Reflective</p> <p style="text-align: center;">6th</p>	<p>Central Idea: Families change over time.</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> • family lineage • significant family events • changing roles and responsibilities <p>Key Concepts: Change, Causation, Responsibility</p> <p>Related concepts: Change, Quality of Life, Identity</p> <p>Learner Profile: Open-minded</p> <p style="text-align: center;">2nd</p>	<p>Central Idea: Music creates images of narratives and events.</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> • genres of music • turning stories into musical performances • contributing to group performances <p>Key Concepts: Form, Reflection, Responsibility</p> <p>Related concepts: Culture, Aesthetics</p> <p>Learner Profile: Balanced, Risk-taker</p> <p style="text-align: center;">4th</p>	<p>Central Idea: Matter with which we interact exists in 3 fundamental states: liquids, solids, and gases.</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> • observing, describing, and recording • properties of liquids, solids, and gases • behaviors of liquids, solids, and gases <p>Key Concepts: Form, Function, Change</p> <p>Related concepts: Energy, Matter</p> <p>Learner Profile: Inquirer, Thinker</p> <p style="text-align: center;">3rd</p>	<p>Central Idea: People and goods are transported in a variety of ways.</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> • modes of transportation • factors that influence the types of transportation used • structure of transportation systems <p>Key Concepts: Form, Function, Connection, Causation</p> <p>Related concepts: Systems, Structure and Function</p> <p>Learner Profile: Knowledgeable</p> <p style="text-align: center;">5th</p>	<p>Central Idea: People solve problems in a variety of ways.</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> • awareness and articulation of our own feelings and the feelings of others • tools people use to solve emotional problems • decisions we make affect how others feel <p>Key Concepts: Perspective, Responsibility, Reflection</p> <p>Related concepts: Cooperation, Interdependence</p> <p>Learner Profile: Caring, Communicator, Principled</p> <p style="text-align: center;">1st</p>

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2	<p>Central Idea: Nutrition and exercise impact an individual's health and well-being.</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> • food we need to grow and remain healthy • the promotion of physical and mental well-being • healthy habits <p>Key Concepts: Causation, Function, Reflection</p> <p>Related concepts: Interdependence, Systems, Cause and Effect</p> <p>Learner Profile: Reflective, Knowledgeable, Balanced</p> <p style="text-align: center;">4th</p>	<p>Central Idea: Significant events in a person's life shape who they are.</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> • significant consequences • the impact of actions on others • factors that lead to consequences <p>Key Concepts: Causation, Connection</p> <p>Related concepts: Culture, Identity</p> <p>Learner Profile: Communicator, Reflective</p> <p style="text-align: center;">2nd</p>	<p>Central Idea: Traditional tales are used to teach lessons.</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> • features and themes • understanding lessons • methods of solving problems <p>Key Concepts: Connection, Perspective</p> <p>Related concepts: Values and Beliefs, Identity, Systems</p> <p>Learner Profile: Knowledgeable, Communicator, Risk-taker</p> <p style="text-align: center;">5th</p>	<p>Central Idea: An object's balance and motion can be described and changed.</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> • describing position and motion • the effects of pushing and pulling • developing investigations to answer questions <p>Key Concepts: Function, Change, Reflection</p> <p>Related concepts: Pattern, Cause and Effect</p> <p>Learner Profile: Inquirers, Thinkers, Communicators</p> <p style="text-align: center;">3rd</p>	<p>Central Idea: Members of communities have roles and responsibilities.</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> • membership in communities • roles and responsibilities in different communities • problems communities solve <p>Key Concepts: Form, Responsibility, Perspective</p> <p>Related concepts: Rights and Responsibilities</p> <p>Learner Profile: Open-minded, Principled, Caring</p> <p style="text-align: center;">1st</p>	<p>Central Idea: Earth's materials are constantly changing.</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> • the materials the earth creates • evidence of change in the earth • impact of the earth's forces <p>Key Concepts: Form, Connection, Change</p> <p>Related concepts: Physical Environment, Systems, Cause and Effect</p> <p>Learner Profile: Inquirer, Thinker, Risk-taker</p> <p style="text-align: center;">6th</p>

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3	<p>Central Idea: beliefs and values shape who we are.</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> • where a person’s beliefs and values come from • how a person demonstrates their beliefs and values • impact of individual beliefs and values on a community <p>Key Concepts: Connection, Perspective, Responsibility</p> <p>Related concepts: Culture, Diversity, Society</p> <p>Learner Profile: Communicator, Reflective</p> <p style="text-align: center;">1st</p>	<p>Central Idea: Indigenous cultures change over time.</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> • relationship between indigenous people and their environment • effects of change over time of indigenous people • similarities between various indigenous cultures around the world <p>Key Concepts: Change, Causation, Reflection</p> <p>Related concepts: Identity, Social Systems, Culture</p> <p>Learner Profile: Open-minded, Reflective</p> <p style="text-align: center;">3rd</p>	<p>Central Idea: Cultures express themselves through visual arts</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> • elements of visual arts • art around the world • distinct and recognizable artistic styles <p>Key Concepts: Function, Connection, Perspective</p> <p>Learner Profile: Risk-taker, Balanced</p> <p style="text-align: center;">2nd</p>	<p>Central Idea: Water is a common and finite resource.</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> • Issues regarding water in our community • Treatment, distribution and conservation of water <p>Key Concepts: Function, Form, Responsibility</p> <p>Related concepts: Systems, System Models,</p> <p>Learner Profile: Thinker, Inquirer</p> <p style="text-align: center;">4th</p>	<p>Central Idea: Organizations use a variety of strategies to persuade society.</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> • Persuasive strategies • methods of persuasion • effects on decision making <p>Key Concepts: Change, Causation, Perspective</p> <p>Related concepts: Civilization, Diversity, Culture</p> <p>Learner Profile: Principled, Open-minded</p> <p style="text-align: center;">5th</p>	<p>Central Idea: Humans impact the health of ecosystems and biomes</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> • similarities and differences between ecosystems • threats to ecosystems • conservation efforts <p>Key Concepts: Change, Reflection, Perspective</p> <p>Related concepts: Interdependence, Systems</p> <p>Learner Profile: Knowledgeable, Risk-Takers, Open-Minded</p> <p style="text-align: center;">6th</p>

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4	<p>Central Idea: Humans are curious about the phenomena they observe in the natural world.</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> • methods of investigation • use of evidence • making connections <p>Key Concepts: Perspective, Responsibility, Reflection</p> <p>Related concepts: Identity, Values and Beliefs</p> <p>Learner Profile: Reflective, Principled, Balanced</p> <p style="text-align: center;">1st</p>	<p>Central Idea: People have moved around and settle our planet.</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> • physical features that attract or repel • development and impact of regions and boundaries • opportunities <p>Key Concepts: Form, Change, Causation</p> <p>Related concepts: Migration, Immigration, Movement, Physical Environment and Attributes</p> <p>Learner Profile: Knowledgeable, Inquirer</p> <p style="text-align: center;">2nd</p>	<p>Central Idea: People use poetry to express their ideas, emotions, and beliefs</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> • forms of poetry • poet's craft • purpose and value <p>Key Concepts: Form, Perspective, Reflection</p> <p>Related concepts: Precision, Aesthetics, Self-Awareness</p> <p>Learner Profile: Risk-taker, Communicator, Open-minded</p> <p style="text-align: center;">4th</p>	<p>Central Idea: Forces of nature can be used to do work.</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> • magnetic interactions • electric currents • The Engineering Design Process <p>Key Concepts: Function, Connection, Change</p> <p>Related concepts: System Models, Engineering, Technology,</p> <p>Learner Profile: Knowledgeable, Thinker</p> <p style="text-align: center;">3rd</p>	<p>Central Idea: Economics describes the exchange of goods and services.</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> • trading, bartering and monetary systems • supply and demand • perceptions of value <p>Key Concepts: Function, Connection, Perspective</p> <p>Related concepts: Value, Exchange Systems</p> <p>Learner Profile: Knowledgeable, Inquirer</p> <p style="text-align: center;">6th</p>	<p>Central Idea: There are competing interests over resources.</p> <p>Key Concepts: Causation, Connection, Perspective, Responsibility</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> • uses of resources • renewable and non-renewable resources • effects of resource use <p>Key Concepts: Causation, Connection, Perspective, Responsibility</p> <p>Related concepts: Regulation, competition, Interdependence, Resources</p> <p>Learner Profile: Caring, communicator, Thinker</p> <p style="text-align: center;">5th</p>

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5	<p>Central Idea: People strive to change situations and circumstances. An Inquiry into:</p> <ul style="list-style-type: none"> • causes of revolution • factors and consequences • views of conflict <p>Key Concepts: Change, perspective, causation Related concepts: Politics, Political action, Power Learner Profile: Communicator, Open-minded 3rd</p>	<p>Central Idea: Human beings seek to explore the unknown for a variety of reasons. An Inquiry into:</p> <ul style="list-style-type: none"> • motivation and necessity of exploration • benefits and burdens of exploration • planning successes and failures <p>Key Concepts: Perspective, causation, change Related concepts: Territory, Boundary, Movement Learner Profile: Knowledgeable, Risk-taker 2nd</p>	<p>Central Idea: Ideas, feelings, beliefs, and values are expressed when people align themselves with issues, movements, and causes. An Inquiry into:</p> <ul style="list-style-type: none"> • action <p style="font-size: 1.5em; font-weight: bold; margin-top: 20px;">The Exhibition</p> <p style="text-align: center;">4th</p>	<p>Central Idea: Humans use energy and technology to solve problems. An Inquiry into:</p> <ul style="list-style-type: none"> • transferring energy • adapting energy • use of machines <p>Key Concepts: Causation, function, change Related concepts: System Models, Engineering, Technology, Citizen ship Learner Profile: Inquirer, Balanced 5th</p>	<p>Central Idea: Governments use structures to function. An Inquiry into:</p> <ul style="list-style-type: none"> • forms of government • purpose of structures • citizenship <p>Key Concepts: Form, responsibility, perspective, function Related concepts: Governmental systems, Regulation, Citizenship Learner Profile: Thinker, Principled 6th</p>	<p>Central Idea: Biotic and abiotic environmental factors affect each other. An Inquiry into:</p> <ul style="list-style-type: none"> • biodiversity • changes in the environment • biotic and abiotic interactions <p>Key Concepts: Connection, causation, reflection Related concepts: Structure and Function, Systems, Cause and Effect Learner Profile: Caring, Reflective 1st</p>