

King Elementary POI 2016-2017

	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 more the same than they are different.</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> • dispositions • physical characteristics • similarities and differences between people <p>Key Concepts: Form, Connection, Perspective</p> <p>Related concepts: Culture, Identity</p> <p>Learner Profile: Open-minded, Balanced</p> <p style="text-align: center; font-size: 1.5em;">2nd</p>	<p>Central Idea: People use places and space for a variety of purposes.</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> • use of space • changes of places • development <p>Key Concepts: Change, Causation, Function</p> <p>Related concepts: Spatial Organization, Location, Human Environments</p> <p>Learner Profile: Inquirers</p> <p style="text-align: center; font-size: 1.5em;">5th</p>	<p>Central Idea: Actors use drama to represent stories to an audience.</p> <p>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</p> <p>Related concepts: Communication</p> <p>Learner Profile: Risk-takers, Communicators</p> <p style="text-align: center; font-size: 1.5em;">4th</p>	<p>Central Idea: Scientists observe the natural world, collect information, draw conclusions, and ask further questions.</p> <p>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</p> <p>Related concepts: Systems, Patterns, Organization</p> <p>Learner Profile: Knowledgeable, Thinker</p> <p style="text-align: center; font-size: 1.5em;">3rd</p>	<p>Central Idea: Communities create systems to educate their children.</p> <p>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</p> <p>Systems, Physical Environment, Public Space</p> <p>Learner Profile: Caring, Principled</p> <p style="text-align: center; font-size: 1.5em;">1st</p>	<p>Central Idea: Plants and animals interact in a habitat.</p> <p>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</p> <p>Related concepts: Interdependence, Systems</p> <p>Learner Profile: Reflective</p> <p style="text-align: center; font-size: 1.5em;">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: right; font-size: 1.5em;">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: right; font-size: 1.5em;">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: right; font-size: 1.5em;">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 gasses • behaviors of liquids, solids, and gasses <p>Key Concepts: Form, Function, Change</p> <p>Related concepts: Energy, Matter</p> <p>Learner Profile: Inquirer, Thinker</p> <p style="text-align: right; font-size: 1.5em;">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: right; font-size: 1.5em;">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: right; font-size: 1.5em;">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, Functions, 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 the values of a culture.</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> • features and themes of traditional tales • expressing values through traditional tales • methods of solving problems in traditional tales <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: Citizenship, Authority, Rights and Responsibilities</p> <p>Learner Profile: Open-minded, Principled, Caring</p> <p style="text-align: center;">1st</p>	<p>Central Idea: Living things use the Earth's materials.</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: People have belief systems that are expressed in a variety of ways.</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> ceremonies and celebrations rituals & rites of passage sacred spaces, artifacts, and traditions <p>Key Concepts: Form, Perspective, Connection</p> <p>Related concepts: Culture, Diversity, Society</p> <p>Learner Profile: Communicator, Reflective</p> <p style="text-align: center;">1st</p>	<p>Central Idea: Life stories are affected by the time and place in which people live.</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> perspective in historical accounts the effects of physical geography the effects of historical periods <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;">2nd</p>	<p>Central Idea: Cultures express themselves with distinct and recognizable musical forms.</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> physics of sound musical forms and instruments distinct and recognizable musical aesthetics <p>Key Concepts: Function, Causation, Connection</p> <p>Related concepts: Culture, Tone, Rhythm</p> <p>Learner Profile: Communicator, Risk-taker, Balanced</p> <p style="text-align: center;">6th</p>	<p>Central Idea: Water is a common and finite resource with uncommon properties.</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> the properties of water developing investigations for scientific questions treatment and distribution of drinkable 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;">3rd</p>	<p>Central Idea: Choices are determined and influenced by many factors.</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> essence of choice Influence of societies and cultures influence of media <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: Decisions to preserve natural habitats have local and global consequences.</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> designations of shared natural spaces perspectives on land preservation the effect and impact of natural habitats <p>Key Concepts: Change, Reflective, Responsibility</p> <p>Related concepts: Interdependence, Systems</p> <p>Learner Profile: Knowledgeable, Caring</p> <p style="text-align: center;">4th</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; font-size: 1.5em;">1st</p>	<p>Central Idea: People settle in places for political, economic, social and personal reasons.</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; font-size: 1.5em;">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; font-size: 1.5em;">4th</p>	<p>Central Idea: The electromagnetic force produces electricity, magnetism, light, and heat</p> <p>An Inquiry into:</p> <ul style="list-style-type: none"> • magnetism • electricity • transfer of energy <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; font-size: 1.5em;">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; font-size: 1.5em;">5th</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 • non-renewable resources • renewable resources <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; font-size: 1.5em;">6th</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: 2em; font-weight: bold;">The Exhibition</p> <p style="font-size: 2em; font-weight: bold;">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>