

Roberts Elementary programme of inquiry

Age	An inquiry into: Who we are	An inquiry into: Where we are in place and time	An inquiry into: How we express ourselves	An inquiry into: How the world works	An inquiry into: How we organize ourselves	An inquiry into: Sharing the planet
	<i>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.</i>	<i>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.</i>	<i>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.</i>	<i>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.</i>	<i>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.</i>	<i>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.</i>
5–6 K	<p>Central idea Feelings, abilities, and interest shape human identities.</p> <p>Key concepts: form, function, reflection</p> <p>Related concepts: uniqueness</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • understanding what I look like and how I feel • understanding what I am good at and what I like to do • humans are different from other living things <p>September</p>	<p>Central idea Families are enriched by their members and the different perspectives they bring.</p> <p>Key concepts: function, perspective, responsibility</p> <p>Related concepts: relationships</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • types of families • personal stories of family members • being part of a family and group • family relationships contribute to one's identity <p>October</p>	<p>Central idea Individuals and cultures use expression to communicate their beliefs and values.</p> <p>Key concepts: form, perspective, reflection</p> <p>Related concepts: beliefs, values, appreciation</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • feelings evoked by artwork • various artistic techniques • appreciation of the masterpieces <p>May</p>	<p>Central idea Laws of nature have cause and effect relationships.</p> <p>Key concepts: function, change, causation</p> <p>Related concepts: cause/effect, climate, seasons, systems</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • relationship between climate and weather • how weather impacts our lives • different types of weather <p>January</p>	<p>Central idea Jobs are essential for the well being of a community.</p> <p>Key concepts: function, connection, responsibility</p> <p>Related concepts: interdependence, systems, roles</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • types of jobs • the importance of working • needs of a community <p>November – December</p>	<p>Central idea Cooperation allows for the peaceful use of resources.</p> <p>Key concepts: causation, change, responsibility</p> <p>Related concepts: cooperation</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • human impact on the planet • how our choices affect Earth's resources • ways to conserve <p>March – April</p>
6–7 1st	<p>Central idea How we choose to act with others affects our relationships.</p> <p>Key concepts: responsibility, reflection, causation</p> <p>Related concepts: friendship, citizenship, cooperation, communication</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • thoughts, words and actions • types of choices • personality and character traits • friendship <p>August – September</p>	<p>Central idea Discoveries in technology affect our lives.</p> <p>Key concepts: form, change, connection</p> <p>Related concepts: time, progress, technology</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • ways in which human connections have changed • the similarities and differences in technology • impacts of change <p>January- February</p>	<p>Central idea Humans express their ideas, imagination, and emotions through their words and actions.</p> <p>Key concepts: perspective, reflection, connection</p> <p>Related concepts: character, presentation, oral expression</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • use of voice, facial expressions and body movements to communicate • use of voice to portray a character • use of inferences to understand character traits <p>March-April</p>	<p>Central idea Cycles influence our interaction with the world.</p> <p>Key concepts: form, function, change, growth</p> <p>Related concepts: cycles, classification, growth</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • cycles of living and non-living things • similarities and differences of cycles • our understanding of cycles <p>November – December</p>	<p>Central idea Systems have parts that work together to maintain organization.</p> <p>Key concepts: form, function, connection</p> <p>Related concepts: systems, classification</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • systems in our lives • parts of systems • roles, rules, and responsibilities within systems <p>October</p>	<p>Central idea Actions impact the availability of resources.</p> <p>Key concepts: causation, connection, responsibility</p> <p>Related concepts: resources, conservation, consumption, scarcity</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • the importance of resources to humans and ecosystems • the conservation, usage, and pollution of resources • the scarcity of resources throughout the world <p>May</p>

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7–8 2nd	<p>Central idea The choices we make affect our health and well-being.</p> <p>Key concepts: function, connection, responsibility</p> <p>Related concepts: systems, health, fitness, wellness</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • structure and function of body systems • requirements to maintain a healthy mind and body • components of nutrition and its effects on the body <p>January - February</p> <p>April - May</p>	<p>Central idea Events shape outcomes that cause changes in the world.</p> <p>Key concepts: causation, perspective, connection</p> <p>Related concepts: artifacts, identity, tradition</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> • events in our lives • defining characteristics • impact of events on the world <p>January - February</p>	<p>Central idea Understanding the works of others inspires the creation of ideas.</p> <p>Key concepts: form, connection, reflection</p> <p>Related concepts: expression, investigation, creation</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • art, symbols, and celebrations • exploration of cultures • connection between investigation and creation <p>September - October</p>	<p>Central idea Understanding transformation of the natural world leads to informed choices.</p> <p>Key concepts: form, change, causation</p> <p>Related concepts: transformation, climate, system</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • elements of the natural world • changes in the natural world • how change affects human choice <p>November - December</p>	<p>Central idea The structure of our environment influences our decisions.</p> <p>Key concepts: causation, reflection, responsibility</p> <p>Related concepts: choice, media, technology, audience, communication</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • systems in our environment • how we make decisions • responsibility of individuals towards their environment <p>March - April</p>	<p>Central idea Interactions influence elements of a system.</p> <p>Key concepts: change, causation, responsibility</p> <p>Related concepts: systems, habitat, conservation</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • components of ecosystems • changes within a system • responsibility to maintain systems <p>October - November</p>
8–9 3 rd	<p>Central idea Culture shapes traditions and values.</p> <p>Key concepts: causation, perspective, responsibility</p> <p>Related concepts: communication, culture, relationship, values</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • rights and responsibilities • the influence of values on actions • traditions and celebrations <p>September - October</p>	<p>Central idea Evolution occurs as a response to environment.</p> <p>Key concepts: form, change, causation</p> <p>Related concepts: environment, population, evolution</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • patterns in our world and their effect on the environment • information maps provide • populations changes <p>January - February</p>	<p>Central idea People express knowledge and ideas through order and evidence.</p> <p>Key concepts: function, perspective, reflection</p> <p>Related concepts: written expression</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • expression of voice and style • using evidence • creating finished pieces of work <p>April - May</p>	<p>Central idea Innovative thinking and understanding of scientific principles leads to new ideas.</p> <p>Key concepts: form, change, connection</p> <p>Related concepts: transformation, innovation</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • inventors and their inventions • matter and energy changes • impacts of break-throughs and technologies <p>February - March</p>	<p>Central idea Systems function with structure.</p> <p>Key concepts: form, function, connection</p> <p>Related concepts: systems, economics, structure</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • systems in our environment • decision making • responsibility of individuals toward their environment <p>November - December</p>	<p>Central idea Communities adjust according to their needs and environmental changes.</p> <p>Key concepts: change, function, reflection</p> <p>Related concepts: communities, survival, expansion</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • relationships within environments • effects of human actions • reasons for change <p>October – November</p>

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9–10 4 th	<p>Central idea Experiences, observations, interactions, and thoughts shape one's identity.</p> <p>Key concepts: connection, perspective, reflection</p> <p>Related concepts: communication, interpretation, identity</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • one's strengths and weaknesses • how observations affect one's perspective • how interactions provide a deeper understanding of self <p>September</p>	<p>Central idea Exploration leads to discoveries.</p> <p>Key concepts: form, causation, reflection, discovery</p> <p>Related concepts: discovery, exploration</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • reasons for discovery • types of discovery • effects on individuals, groups, and nations <p>November-December</p>	<p>Central idea Ideas, feelings, and beliefs are expressed through the arts.</p> <p>Key concepts: form, connection, perspective,</p> <p>Related concepts: point of view, interpretation</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • reasons behind expression • different mediums of art • impact of art on others <p>April - May</p>	<p>Central idea Earth experiences changes caused by forces.</p> <p>Key concepts: form, causation, change</p> <p>Related concepts: structure, evidence, transformation, change</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • how rocks and minerals are formed • the causes behind Earth's physical changes • how Earth's physical events impact humans <p>February - April</p>	<p>Central idea Structures impact the way we live by creating balance.</p> <p>Key concepts: function, connection, responsibility</p> <p>Related concepts: structure, interdependence</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • interdependence of living things • forms and functions of organized structures • rights and responsibilities <p>January - February</p>	<p>Central idea Living things affect the environment through their actions.</p> <p>Key concepts: function, causation, responsibility,</p> <p>Related concepts: resources, cause/effect</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • how energy works • our environmental impact • how conflict causes change <p>October - November</p>
10–11 5 th	<p>Central idea People envision their future, set goals, and take action to achieve their dreams.</p> <p>Key concepts: change, connection, reflection</p> <p>Related concepts: education, metacognition/self-awareness</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • process of goal setting and its benefits • people overcoming obstacles and failure • influences of others on individual's decision making <p>April - May</p>	<p>Central idea Movement impacts society.</p> <p>Key concepts: function, causation, change</p> <p>Related concepts: industrialization, migration, movement</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • push/pull factors which influence human migration • urbanization patterns • impact of new technologies on people • migrant contributions to society <p>February – March</p>	<p>Central idea People use communication to influence society.</p> <p>Key concepts: form, perspective, responsibilities</p> <p>Related concepts: communication</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • influences shaping a speaker's words • the intended and/or perceived meaning of a speech • effective presentation skills <p>October - December</p>	<p>Central idea Interactions facilitate order.</p> <p>Key concepts: causation, connection</p> <p>Related concepts: order, interaction, structure</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • interactions among the basic elements of the universe dictating the order of the universe • human interaction generating order in society • interaction among topics driving the order of text <p>August - September</p>	<p>Central idea Relationships foster organization.</p> <p>Key concepts: change, causation</p> <p>Related concepts: relationships, organization</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • the relationships among organisms shaping the organization of natural systems • interpersonal and societal relationships resulting in the organization of governmental and economic systems • relationships among the characters and how they shape fiction <p>January - February</p>	<p>Central idea Societies make decisions based on resources.</p> <p>Key concepts: causation, change, responsibility</p> <p>Related concepts: conflict, resources, decision making</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • wants and needs leading to decisions • decisions leading to action • actions leading to consequences <p>October – November</p>