

Roberts Elementary Programme of Inquiry

Age	Who we are <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>	Where we are in place and time <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>	How we express ourselves <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>	How the world works <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>	How we organize ourselves <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>	Sharing the planet <i>An inquiry into the 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	Central idea Feelings, abilities, and interests shape human identities. Key concepts: form, function, reflection Related concepts: uniqueness Lines of inquiry <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/non-living/once-living things September- beginning of October	Central idea Things we do and places we’ve been help shape who we are and how we look at the world. Key concepts: causation, perspective, change Related concepts: classification, history Lines of inquiry <ul style="list-style-type: none">• personal stories of self and others• common life experiences versus unique personal experiences• my family’s place of origin and where we are now mid October -November	Central idea Individuals and cultures use expression to communicate their beliefs and values. Key concepts: form, perspective, reflection Related concepts: beliefs, values, appreciation Lines of inquiry <ul style="list-style-type: none">• feelings evoked by artwork• various artistic techniques• appreciation of the masterpieces September-May	Central idea Laws of nature have cause and effect relationships. Key concepts: function, change, causation Related concepts: cause/effect, climate, seasons, systems Lines of inquiry <ul style="list-style-type: none">• relationship between climate and weather• how the weather impacts our lives and communities• different types of weather February-mid March	Central idea Jobs are essential for the well-being of a community. Key concepts: function, connection, responsibility Related concepts: interdependence, systems, roles Lines of inquiry <ul style="list-style-type: none">• types of jobs• the importance of working• needs of a community are interrelated End of November-January	Central idea Cooperation allows for the peaceful use of resources. Key concepts: causation, change, responsibility Related concepts: cooperation Lines of inquiry <ul style="list-style-type: none">• human impact on the planet• how our choices affect Earth’s natural resources• ways to conserve mid March-May
6–7 1 st	Central idea How we choose to act with others affects our relationships. Key concepts: responsibility, reflection, causation Related concepts: friendship, citizenship, cooperation, communication Lines of inquiry <ul style="list-style-type: none">• thoughts, words and actions• types of choices• personality and character traits• developing and maintaining friendships August-September	Central idea Changes through time affect our lives. Key concepts: form, change, connection Related concepts: time, progress, technology Lines of inquiry <ul style="list-style-type: none">• the similarities and differences across time• how human connections have changed• discoveries in technology January-March	Central idea Humans express their ideas, imagination, and emotions through their words and actions. Key concepts: perspective, reflection, connection Related concepts: character, presentation, oral expression Lines of inquiry <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 March-April	Central idea Cycles influence our interaction with the world. Key concepts: form, function, change, Related concepts: cycles, classification, growth Lines of inquiry <ul style="list-style-type: none">• cycles of living and non-living things• similarities and differences of cycles• our understanding of cycles November – December	Central idea Systems have parts that work together to maintain organization. Key concepts: form, function, connection Related concepts: systems, classification Lines of inquiry <ul style="list-style-type: none">• systems in our lives• parts of systems• roles, rules, and responsibilities October	Central idea Actions impact the availability of resources. Key concepts: causation, connection, responsibility Related concepts: resources, conservation, consumption, scarcity Lines of inquiry <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 May
7–8 2 nd	Central idea Personal and social relationships cultivate well-being. Key concepts: function, connection, responsibility Related concepts: systems, health, fitness, wellness Lines of inquiry <ul style="list-style-type: none">• the structure and function of body systems• building relationships• maintaining a healthy mind and body April-May	Central idea Events shape outcomes that cause changes in the world. Key concepts: causation, change, connection Related concepts: artifacts, identity, tradition Lines of inquiry: <ul style="list-style-type: none">• events in our lives• defining characteristics• impact of events on the world January-March	Central idea Understanding the works of others inspires the creation of ideas. Key concepts: form, connection, reflection Related concepts: expression, investigation, creation Lines of inquiry <ul style="list-style-type: none">• art, symbols, and celebrations• exploration of cultures• connection between investigation and creation August-October	Central idea Understanding transformation of the world leads to informed choices. Key concepts: form, change, causation Related concepts: atmosphere, climate, system Lines of inquiry <ul style="list-style-type: none">• elements of the natural world• changes in science and technology• how change affects human choice March-April	Central idea The structure of our environment influences our decisions. Key concepts: causation, perspective, responsibility Related concepts: choice, media, technology, audience, communication Lines of inquiry <ul style="list-style-type: none">• systems in our environment• how we make decisions• responsibility of individuals towards their environment November-January	Central idea Interactions influence elements of a system. Key concepts: change, causation, responsibility Related concepts: systems, habitat, conservation Lines of inquiry <ul style="list-style-type: none">• components of ecosystems• changes within a system• responsibility to maintain systems October - November

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8–9 3 rd	<p>Central idea Community and culture shape our traditions, values, rights, and responsibilities</p> <p>Key concepts: causation, perspective, responsibility Related concepts: roles, culture, relationship, values Lines of inquiry</p> <ul style="list-style-type: none"> • rights and responsibilities • the influence of values on actions • traditions and celebrations <p>August-October</p>	<p>Central idea Evolution occurs as a response to environment. Key concepts: form, change, causation Related concepts: environment, population, evolution Lines of inquiry</p> <ul style="list-style-type: none"> • information maps provide • population changes • how patterns in the natural world affect the environment <p>January-February</p>	<p>Central idea People express their knowledge through order and evidence. Key concepts: function, perspective, reflection Related concepts: written expression 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 Through innovative thinking, people create new technologies to overcome challenges. Key concepts: form, change, connection Related concepts: transformation, innovation Lines of inquiry</p> <ul style="list-style-type: none"> • How matter and energy changes • Impact of breakthroughs and technologies • Inventors and their inventions <p>February-April</p>	<p>Central idea Informed decisions impact an economic system. Key concepts: form, function, connection Related concepts: systems, economics, sustainability Lines of inquiry</p> <ul style="list-style-type: none"> • How needs are met • The interdependence of parts of a system • Structures for success <p>November-December</p>	<p>Central idea Communities adapt according to their needs and environmental changes. Key concepts: change, function, connection Related concepts: communities, survival, impact Lines of inquiry</p> <ul style="list-style-type: none"> • relationships within environments • effects of human actions • reasons for change <p>October-November</p>
9–10 4 th	<p>Central idea Environment and characteristics contribute to one’s identity. Key concepts: connection, perspective, reflection Related concepts: communication, interpretation, identity Lines of inquiry</p> <ul style="list-style-type: none"> • How internal and external traits shape who we are • How environment shapes perception • How interactions provide a deeper understanding of self <p>August-September</p>	<p>Central idea Throughout history, innovation and knowledge has led to change. Key concepts: causation, connection, change Related concepts: migration, connection Lines of inquiry</p> <ul style="list-style-type: none"> • Scientific discoveries and innovations benefit individuals, businesses, and society in Texas • The contributions of artists in the development of Texas culture • The importance of historical figures and participants in the democratic process <p>April-May</p>	<p>Central idea Cultures express ideas, feelings, and beliefs through storytelling and the arts. Key concepts: form, connection, perspective Related concepts: self-expression, culture, interpretation Lines of inquiry</p> <ul style="list-style-type: none"> • reasons behind creativity • cultural interpretation • artistic expression <p>October-November</p>	<p>Central idea Natural and human forces cause change. Key concepts: form, causation, change Related concepts: structure, evidence, transformation Lines of inquiry</p> <ul style="list-style-type: none"> • natural cycles • how human societies affect the natural world (WaterWise) • independence and progress (Texas Statehood) <p>February- April</p>	<p>Central idea Structures impact the way we live by creating balance. Key concepts: Form, function , responsibility Related concepts: system, justice, freedom 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 Forms of energy have predictable outcomes that lead to conflict or change. Key concepts: function, causation, form Related concepts: resources, interdependence Lines of inquiry</p> <ul style="list-style-type: none"> • how energy works • impact of energy alternatives (how conflict cause change) • forms of energy <p>November-December</p>

10–11 5 th	<p>Central idea Beliefs and values are central to people's lives and impact their relationships with family, friends, community, and self.</p> <p>Key concepts: Perspective, Form</p> <p>Related concepts: Identity, Communication, Culture, Relationship</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> •How our beliefs and values shape us and influence our behaviour •How our beliefs and values connect to our heritage and culture •How environment shapes perception •How interactions provide a deeper understanding of self <p>Guiding Questions</p> <ul style="list-style-type: none"> •What traditions does your family have? •How do you celebrate special events/cultural traditions? •Why is it important to learn about and appreciate the differing beliefs and cultures of others? •What characteristics do you share with your peers? •What makes us alike? Different? 	<p>Central idea Innovation comes as a response to different cultures mixing</p> <p>Key concepts: function, causation, change</p> <p>Related concepts: exploration, transformation, movement</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> •Pursuit of advancement and innovation •Industries shift over time •Cultural make up constantly changes •Views, beliefs, and perceptions guide advancement <p>Guiding Questions</p> <ul style="list-style-type: none"> •Why/How do people migrate? •What leads to new inventions? •What fuels the changing of our Earth? 	<p>Central idea Self expression is a unique experience due to a mix of nature and nurture</p> <p>Key concepts: form, perspective, responsibility</p> <p>Related concepts: communication, culture, art</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> •Influences that shape our dialect/speaking •the intended and/or perceived meaning of a piece of self-expression •effective self-presentation skills <p>Guiding Questions</p> <ul style="list-style-type: none"> •In what ways do our words and actions express our feelings and truth? •Is there only one way to interpret a piece of art? <p>How do we effectively communicate our thoughts?</p>	<p>Central idea Humans have the power to continue to destroy or aid our world</p> <p>Key concepts: form, function, connection, cause</p> <p>Related concepts: principles, interactions, relationships, space</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> •The driving forces of colonization •how colonists use pre-determined factors •How humans adapt and change to the natural changes of the Earth <p>Guiding Questions</p> <ul style="list-style-type: none"> •Do we affect the different Earth changes? •How does colonizing affect the Earth? •What causes colonization? 	<p>Central idea Laws that we abide by create connection or dissonance in communities</p> <p>Key concepts: form, function, perspective</p> <p>Related concepts: structures, roles, economy</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> •differences that lead to conflict and peace domestically and internationally •how roles shape organizations and systems <p>Guiding Questions</p> <ul style="list-style-type: none"> •What causes and leads to conflict or peace amongst different communities? •Is there a connection between the different conflicts throughout history? 	<p>Central idea Societies make decisions based on resources.</p> <p>Key concepts: perspective, responsibility, connection</p> <p>Related concepts: energy, resources, decision making</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> •How energy works •What resources are available •What resources will be lost <p>Guiding Questions</p> <ul style="list-style-type: none"> •Who has access to resources? •How is energy consumed? •What responsibility do we have to the Earth?
	August - September	January-February	November – December (Exhibition Topic)	February – April	October – November	April - June