

Bellevue Children's Academy Program of Inquiry 2019-2020

	Pre-K	K	1st	2nd	3rd	4th	5th
<p>Who we are 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.</p>	<p>All About Me 11/4-1/17 Central Idea: Learning about ourselves helps us learn about others.</p> <p>Key Concepts: Perspective, Form, Connection</p> <p>Related Concepts: identity, relationships, growth</p> <p>Lines of Inquiry: *Our physical characteristics (Form) *Our feelings, likes, and dislikes (Perspective) *Differences and similarities in all of us (Connection)</p> <p>Subjects: PSPE, SS, Sci.</p>	<p>Relationships 9/3-9/27 Central Idea: Friendships influence our lives.</p> <p>Key Concepts: Responsibility, Perspective, Connection</p> <p>Related Concepts: emotions, identity communication</p> <p>Lines of Inquiry: *Friends in literature (Connection) *How to be a good friend (Perspective) *Problem solving strategies (Responsibility)</p> <p>Subjects: PSPE, SS, Lang.</p>	<p>Healthy Me 9/3-10/9 Central Idea: The health of humans involves physical and emotional factors.</p> <p>Key Concepts: Responsibility, Causation, Connection</p> <p>Related Concepts: nutrition, hygiene, fitness, emotions</p> <p>Lines of Inquiry: *Human physical and emotional needs (Connection) *The effect of physical activity, nutrition and sleep on our bodies (Causation) *Developing healthy habits (Responsibility)</p> <p>Subjects: PSPE, SS, Sci</p>	<p>World Culture and Traditions 9/3-10/18 Central Idea: People use their senses to interpret identity and cultures.</p> <p>Key Concepts: Form, Connection, Perspective</p> <p>Related Concepts: commonality, unity, expression</p> <p>Lines of Inquiry: *How culture is interpreted through the five senses (Perspective) *How cultural traditions influence a community (Connection) *Personal culture (Form)</p> <p>Subjects: PSPE, SS, Lang.</p>	<p>Heroes 10/14-11/22 Central Idea: Characteristics of heroes help define individual values.</p> <p>Key Concepts: Form, Causation, Perspective</p> <p>Related Concepts: values, hero, heroine, values</p> <p>Lines of Inquiry: *Past and present heroes (Form) *Why values are important (Causation) *Attributes of heroes (Perspective)</p> <p>Subjects: PSPE, Sci, SS</p>	<p>Systems 9/3-11/1 Central Idea: Systems interact and function in a dynamic balance.</p> <p>Key Concepts: Form, Function, Connection</p> <p>Related Concepts: consequences, growth, values</p> <p>Lines of Inquiry: *Types of systems (Form) *Function of body systems (Function) *Interdependence of body systems (Connection)</p> <p>Subjects: Sci, PSPE, SS</p>	<p>Civil Rights 3/30-5/8 Central Idea: Citizens affect the way power is used in their society.</p> <p>Key Concepts: Perspective, Change, Responsibility</p> <p>Related Concepts: governance, justice, force</p> <p>Lines of Inquiry: *Change through non-violence (Change) *Responsibility and choice (Responsibility) *Balance of power (Perspective)</p> <p>Subjects: PSPE, SS, Lang.</p>
<p>Where we are in place and time 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</p>	N/A	<p>Solar System 1/6-2/28 Central Idea: Our solar system is made up of different planets with their own characteristics.</p> <p>Key Concepts: Form, Connection, Change</p> <p>Related Concepts: space, solar system, discovery</p> <p>Lines of Inquiry: *Characteristics of the solar system (Form) *The relationship between the sun, moon, and each planet (Connection) *Types of space exploration (Change)</p> <p>Subjects: Math, Sci, Lang.</p>	<p>Inventions 10/14-11/22 Central Idea: Humans innovate to meet the changing needs of the world.</p> <p>Key Concepts: Causation, Change, Form</p> <p>Related Concepts: technology, innovation, invention</p> <p>Lines of Inquiry: *The design process (Form) *How and why inventions have changed over time (Change) *Motivations for innovation (Causation)</p> <p>Subjects: SS, Math, PSPE</p>	<p>Technology and Tools 10/21-12/6 Central Idea: Technology and tools help people experience the world.</p> <p>Key Concepts: Form, Change, Function</p> <p>Related Concepts: technology, exploration transformation</p> <p>Lines of Inquiry: *Properties of simple machines (Form) *How technology changes over time (Change) *The impact of tools on daily life (Function)</p> <p>Subjects: SS, Sci, Math</p>	<p>Journeys 3/9-4/24 Central Idea: Journeys lead to changes and challenges.</p> <p>Key Concepts: Connection, Change, Causation</p> <p>Related Concepts: impact, motivation, relocation</p> <p>Lines of Inquiry: *Motivating factors of journeys (Connection) *Challenges of journeys (Causation) *How journeys change individuals (Change)</p> <p>Subjects: SS, Lang. PSPE</p>	<p>Migration 1/6-2/13 Central Idea: Experiences and opportunities lead to migration.</p> <p>Key Concepts: Perspective, Causation, Change</p> <p>Related Concepts: migration, settlement, survival</p> <p>Lines of Inquiry: *Causes and effects of migration (Causation) *Experiences of people who migrate (Perspective) *How migrations change lives and landscapes (Change)</p> <p>Subjects: SS, Math, Lang.</p>	<p>Ancient Civilizations 10/21-12/19 Central Idea: Aspects of ancient civilizations impact and influence daily life.</p> <p>Key Concepts: Form, Function, Connection</p> <p>Related Concepts: civilization, history, technology</p> <p>Lines of Inquiry: *Artifacts, discoveries, and social systems of ancient civilizations (Form) *Ways ancient civilizations contributed to life today (Connection) *Ways in which people find out about the past (Function)</p> <p>Subjects: Math, SS, PSPE</p>

<p>How we express ourselves 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.</p>	<p>Express Yourself 9/3-11/1 Central Idea: People express themselves in many ways.</p> <p>Key Concepts: Perspective, Form, Responsibility</p> <p>Related Concepts: choice, expression, communication</p> <p>Lines of Inquiry: *Expression through many forms (Form) *Understanding our ideas, feelings, and values (Perspective) *Using purposeful language and action to communicate (Responsibility)</p> <p>Subjects: PSPE, Arts, SS</p>	<p>World Music and Art 3/2-4/22 Central Idea: People express their culture through music and art.</p> <p>Key Concepts: Form, Connection, Perspective</p> <p>Related Concepts: culture, artifact, tradition</p> <p>Lines of Inquiry: *The art of world cultures (Perspective) *The music of world cultures (Form) *Comparing our art and music to other cultures (Connection)</p> <p>Subjects: Arts, SS, PSPE</p>	<p>Indigenous Communities 3/16-5/1 Central Idea: Indigenous communities explain the world through art and stories.</p> <p>Key Concepts: Causation, Form, Perspective</p> <p>Related Concepts: culture, communication, environment</p> <p>Lines of Inquiry: *Methods indigenous people share art and stories (Form) *Messages within art and stories (Perspective) *Resources indigenous communities used for art and stories (Causation)</p> <p>Subjects: SS, Arts, Lang.</p>	<p>Symbols 3/16-5/1 Central Idea: Symbols are designed to represent ideas.</p> <p>Key Concepts: Perspective, Function, Form</p> <p>Related Concepts: symbol, symbolism, poetry</p> <p>Lines of Inquiry: *The purpose of symbols (Function) *Symbolism in poetry and literature (Form) *Interpretations of symbols (Perspective)</p> <p>Subjects: SS, Arts, Lang.</p>	<p>Marketing 11/25-1/17 Central Idea: Marketing influences the decisions people make.</p> <p>Key Concepts: Causation, Form, Function</p> <p>Related Concepts: psychology, emotions, advertising</p> <p>Lines of Inquiry: *Types of marketing (Form) *Psychology of marketing (Causation) *How the brain influences emotions (Function)</p> <p>Subjects: Math, Arts, Sci</p>	<p>Structures 3/23-5/8 Central Idea: Structures are created out of need or desire.</p> <p>Key Concepts: Form, Function, Perspective</p> <p>Related Concepts: aesthetic, structure, identity</p> <p>Lines of Inquiry: *Significance of structures (Function) *How need or desire drives the creation of structures (Connection) *How structures can be cultural expressions (Perspective)</p> <p>Subjects: SS, Math, Arts</p>	<p>Exhibition 5/11-6/11 Central Idea: Student-generated</p> <p>Key Concepts: Perspective, Causation, Responsibility</p> <p>Related Concepts: beliefs, commonality, comparison</p> <p>Lines of Inquiry: *Student-Generated *Student-Generated *Student-Generated</p> <p>Subjects: Arts, SS, Lang.</p>
<p>How the world works 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; and the impact of scientific and technological advances on society and on the environment.</p>	<p>The World Around Us 1/20-4/3 Central Idea: The natural world can be used by people.</p> <p>Key Concepts: Causation, Function, Form</p> <p>Related Concepts: energy, discovery, adaptation</p> <p>Lines of Inquiry: *How people use the natural world (Causation) *How people use energy (Function) *Characteristics of the natural world (Form)</p> <p>Subjects: Sci, SS, Math</p>	<p>Conservation 9/30-11/1 Central Idea: Conservation impacts the environment and society.</p> <p>Key Concepts: Form, Causation, Responsibility</p> <p>Related Concepts: sustainability, environment, survival</p> <p>Lines of Inquiry: *How we reduce, reuse, recycle, and rethink (Form) *Human impact on the planet (Causation) *Choices we can make to help the environment (Responsibility)</p> <p>Subjects: Sci, SS, PSPE</p>	<p>Weather 1/27-3/12 Central Idea: By understanding weather and climate, people can prepare for it.</p> <p>Key Concepts: Form, Function, Causation</p> <p>Related Concepts: cycles, patterns, systems</p> <p>Lines of Inquiry: *Climate and daily weather patterns (Form) *How we observe, measure, and predict weather (Function) *How weather affects human activity (Causation)</p> <p>Subjects: Sci, Math</p>	<p>Electricity 5/4-6/10 Central Idea: People transform and use energy in various ways.</p> <p>Key Concepts: Form, Function, Responsibility</p> <p>Related Concepts: magnetism, electricity, resources</p> <p>Lines of Inquiry: *Properties of electricity and magnetism (Form) *How circuits work (Function) *Human uses of energy and its effect (Responsibility)</p> <p>Subjects: Math, Sci</p>	<p>Plants 4/27-6/11 Central Idea: Plants have specific needs in order to grow and stay healthy.</p> <p>Key Concepts: Causation, Form, Change</p> <p>Related Concepts: germination, pollination, photosynthesis</p> <p>Lines of Inquiry: *Characteristics of seeds (Form) *The life cycle of plants (Change) *The effect of environmental conditions on plant growth (Causation)</p> <p>Subjects: Sci, Math, Arts</p>	<p>Energy 5/11-6/11 Central Idea: Energy supports human progress.</p> <p>Key Concepts: Form, Function, Responsibility</p> <p>Related Concepts: distribution, interaction, energy</p> <p>Lines of Inquiry: *Uses of energy (Function) *Renewable and non-renewable energy (Form) *Sharing resources (Responsibility)</p> <p>Subjects: Sci, PSPE, Lang.</p>	<p>DNA and Genetics 9/3-10/18 Central Idea: Natural guidelines influence human experiences.</p> <p>Key Concepts: Connection, Form, Responsibility</p> <p>Related Concepts: system, identity, order</p> <p>Lines of Inquiry: *Characteristics of DNA and genetics (Form) *Nature vs. nurture (Connection) *Society's responsibility to the health of others. (Responsibility)</p> <p>Subjects: Sci, Math, Lang.</p>

<p>How we organize ourselves 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.</p>	<p>N/A</p>	<p>Neighborhood and Communities 11/4-12/19 Central Idea: People live and work together in communities. Key Concepts: Form, Function, Responsibility Related Concepts: roles, mapping, community Lines of Inquiry: *The organization of a community (Form) *Mapping as a tool for communities (Function) *The roles of people and places in a community (Responsibility) Subjects: Math, SS, Lang.</p>	<p>Mapping 11/25-1/24 Central Idea: People develop and use maps to understand the world. Key Concepts: Form, Function, Change Related Concepts: navigation, grid, symbols Lines of Inquiry: *Types of maps and their features (Form) *Using and interpreting maps (Function) *How maps have changed over time (Change) Subjects: SS, Math</p>	<p>Earth's Structure and Landforms 12/9-1/31 Central Idea: Natural elements affect communities. Key Concepts: Form, Causation, Connection Related Concepts: industry, landforms, organization Lines of Inquiry: *Features of landforms (Form) *The impact of natural disasters (Connection) *How location affects industry (Causation) Subjects: Sci, SS, Lang.</p>	<p>Government 1/21-3/6 Central Idea: Governments influence societal decision-making. Key Concepts: Form, Function, Responsibility Related Concepts: organization, roles, balance Lines of Inquiry: *Different types of governments (Form) *Function of governments (Function) *Responsibility and roles within a governmental system (Responsibility) Subjects: PSPE, Math, SS</p>	<p>Economics 2/19-3/20 Central Idea: Resources impact economic growth and society. Key Concepts: Form, Connection, Causation Related Concepts: distribution, interdependence, sustainability Lines of Inquiry: *System of exports and imports (Form) *How resources drive economic impact (Connection) *The effect of supply and demand on society (Causation) Subjects: SS, Math, Lang</p>	<p>Entrepreneurship and Engineering 1/6-2/7 Central Idea: Innovation and entrepreneurship stem from societal needs. Key Concepts: Connection, Function, Causation Related Concepts: design, cycle, entrepreneurship Lines of Inquiry: *Maslow's Hierarchy of Needs (Connection) *The design cycle (Causation) *How needs are created (Function) Subjects: Sci, SS, Math</p>
<p>Sharing the planet 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.</p>	<p>The Planet We Share 4/13-6/11 Central Idea: The actions of living things affect the environment. Key Concepts: Form, Connection, Responsibility Related Concepts: cycle, environment, nature Lines of Inquiry: *Characteristics of living things (Form) *How all living things are connected to each other (Connection) *Protection of living things (Responsibility) Subjects: Sci, SS, Lang.</p>	<p>Animals 4/23-6/11 Central Idea: Animals have specific needs for survival. Key Concepts: Form, Function, Responsibility, Related Concepts: adaptation, survival, habitat Lines of Inquiry: *Animal classification and adaptation (Form) *Our responsibility towards animals and nature (Responsibility) *How biomes support life (Function) Subjects: Sci, Arts, Lang.</p>	<p>Plants 5/4-6/11 Central Idea: Plants are a natural resource and serve a purpose in our lives. Key Concepts: Responsibility, Function, Connection Related Concepts: sustainability, role, change Lines of Inquiry: *Structures/classifications of plants (Form) *How plants contribute to life on Earth (Connection) *Human impact on plants (Responsibility) Subjects: Sci, Arts, Lang.</p>	<p>Adaptation 2/3-3/12 Central Idea: Living things adapt in order to survive. Key Concepts: Change, Causation, Responsibility Related Concepts: adaptation, relationship, environment Lines of Inquiry: *Animal adaptations (Change) *Ways living things and the environment respond to change (Causation) *Human responsibility to preserve the environment (Responsibility) Subjects: Sci, SS, Arts</p>	<p>Peace and Conflict 9/3-10/11 Central Idea: Peace and conflict impacts human lives. Key Concepts: Perspective, Form, Responsibility Related Concepts: resolution, dispute, negotiation Lines of Inquiry: *Types of conflicts (Form) *Causes of conflict (Perspective) *Conflict resolution (Responsibility) Subjects: SS, PSPE, Lang.</p>	<p>Inventions 11/4-12/19 Central Idea: Technological advances can change our daily lives. Key Concepts: Causation, Change, Responsibility Related Concepts: cooperation, adaptation, transformation Lines of Inquiry: *The design process (Change) *Influence of science and technology (Causation) *Using inventions to help others (Responsibility) Subjects: SS, Sci, PSPE</p>	<p>Ecosystems and Chemistry 2/10-3/27 Central Idea: The balance of Earth's ecosystems can be impacted by human interaction with the environment. Key Concepts: Causation, Function, Change Related Concepts: humanity, justice, access Lines of Inquiry: *Implication of molecular behavior (Function) *The role and effect of humans on the environment (Causation) *Importance of balance in natural cycles (Change) Subjects: Sci, Lang, Math</p>