



Programme of Inquiry - Berta Palacios Elementary (Updated January 2020)

Age	An inquiry into: <b>Who we are</b>	An inquiry into: <b>Where we are in place and time</b>	An inquiry into: <b>How we express ourselves</b>	An inquiry into: <b>How the world works</b>	An inquiry into: <b>How we organize ourselves</b>	An inquiry into: <b>Sharing the planet</b>
	<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 in 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>
PreK 3-4	<p><b>Central Idea</b> Family and friends help shape us as people and community members</p> <p><b>Key Concepts:</b> Connection, responsibility, perspective</p> <p><b>Related Concepts:</b></p> <p><b>Lines of Inquiry:</b> How am I unique, What is something special about me, How am I different or similar with my classmates, What are my responsibilities at home and school</p>	<p><b>Central Idea</b></p> <p><b>Key Concepts:</b></p> <p><b>Related Concepts:</b></p> <p><b>Lines of Inquiry:</b></p>	<p><b>Central Idea</b> Making wise choices in our everyday lives.</p> <p><b>Key Concepts:</b> Responsibility</p> <p><b>Related Concepts:</b></p> <p><b>Lines of Inquiry:</b> My choices affect myself and others, My choices affect my lifestyle, My choices affect my health</p>	<p><b>Central Idea</b> .Construction materials and tools influence the design of buildings/ structures</p> <p><b>Key Concepts:</b> Function, Causation, Connection</p> <p><b>Related Concepts:</b></p> <p><b>Lines of Inquiry:</b> Buildings are formed with different materials, Buildings and bridges help us connect to others around the city and the world, The structure of the buildings cause it to become stable when different shapes are used</p>	<p><b>Central Idea</b> .People use transportation to meet their needs</p> <p><b>Key Concepts:</b> Change, function, causation</p> <p><b>Related Concepts:</b></p> <p><b>Lines of Inquiry:</b> Transportation's function is to help people travel from one place to another, People are connected because transportation facilitates travel, Transportation has changed over time to help meet the needs of people</p>	<p><b>Central Idea</b></p> <p><b>Key Concepts:</b></p> <p><b>Related Concepts:</b></p> <p><b>Lines of Inquiry:</b></p>

<p>Kinder 5-6</p>	<p><b>Central Idea</b> Living things depend on each other</p> <p><b>Key Concepts:</b> Change, Form, Causation</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b> Ways the people depend on each other, How living things can help or hurt each other, Characteristics of animals</p>	<p><b>Central Idea</b> People have developed maps to understand their community</p> <p><b>Key Concepts:</b> Function, Form, Perspective</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b> How maps are used, The necessities of maps, How a map is designed</p>	<p><b>Central Idea</b> Communities work when members follow shared rules</p> <p><b>Key Concepts:</b> Causation, responsibility</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b> A rule and essential agreement, A community needs rules and routines, Our school's essential agreements</p>	<p><b>Central Idea</b> Forms of energy influence our everyday life</p> <p><b>Key Concepts:</b> Form, function, connection</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b> How do we use energy?, How is energy conserved?, How is energy produced?</p>	<p><b>Central Idea</b> Communities work when members follow shared rules and routines</p> <p><b>Key Concepts:</b> Causation, Responsibility</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry</b> A community needs rules and routines, Our school's essential agreements, What a rule and an essential agreement are</p>	<p><b>Central Idea</b> The choices we make impact our environment</p> <p><b>Key Concepts:</b> Change, Responsibility, Connection</p> <p><b>Related Concepts:</b></p> <p><b>Lines of Inquiry:</b> Recycling is connected to what we do daily, Actions help change the life of the Earth, Making choices to protect the environment</p>
<p>1st 6-7</p>	<p><b>Central Idea</b> People build relationships in different neighborhoods</p> <p><b>Key Concepts:</b> Causation, Form, Responsibility, Connection</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b> Reflecting on our actions allows us to build stronger relationships, We build connections with others with positive words and actions, Exhibiting positive character traits causes us to develop friendships</p>	<p><b>Central Idea</b> We will discover the natural world (weather, seasons, moving air around us, and objects in the sky)</p> <p><b>Key Concepts:</b> Perspective</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b> The relationship between weather and climate, How our lives are affected by weather, What do seasons look like, Why does weather change, How is weather different in different parts of the world</p>	<p><b>Central Idea</b> Our family affects our values and beliefs</p> <p><b>Key Concepts:</b> Connection, Perspective</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b> What is a family, What are values and beliefs</p>	<p><b>Central Idea</b> Different forms of energy</p> <p><b>Key Concepts:</b> Causation and responsibility</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b> How energy is created/made, Different forms of energy, Everyday life uses of energy</p>	<p><b>Central Idea</b> Humans use Earth's resources for energy</p> <p><b>Key Concepts:</b> Form, Function, Causation, Responsibility</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b> <b>Renewable and nonrenewable resources, Fossil Fuels, Global Warming, Alternative Energy</b></p>	<p><b>Central Idea</b> People's actions have a direct effect on the Earth's resources</p> <p><b>Key Concepts:</b> Form, Responsibility</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b> What are resources and where do we find them, How do people use resources</p>

<p>2nd 7-8</p>	<p><b>Central Idea</b></p> <p><b>Key Concepts:</b></p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b></p>	<p><b>Central Idea</b> People explore communities to understand the cultures and the way the world functions</p> <p><b>Key Concepts:</b> Persepctive, Function, Change, Form</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b> Our communities is developed by the impact of our culture, Our culture allows us to develop different relationships, Culture and heritage play a large role in holidays and celebrations, Individuals learn and understand how other cultures are different from their own</p>	<p><b>Central Idea</b> People choose to express their creativity through different literature</p> <p><b>Key Concepts:</b> Perspective, connection</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b> Literature as a form of communication, Imatination allows us to express ourselves through our own personal perspective</p>	<p><b>Central Idea</b> Nature plays an important factor in our daily lives</p> <p><b>Key Concepts:</b> Change, Function, Connection</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b> All living things have a connection to life, The function of our daily lives depends on the behaviors of other living things, Our actions have positive and negative impacts on living things</p>	<p><b>Central Idea</b> Rights and responsibilites of citizens are motivated by respect for oneself and others.</p> <p><b>Key Concepts:</b> Responsibility, perspective</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b> Good scholars reflect in how their actions affect others, Understanding different perspectives is necessary for conflict resolution, Voting as a mean of participating in our school community to ensure order and safety for all</p>	<p><b>Central Idea</b></p> <p><b>Key Concepts:</b></p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b></p>
<p>3rd 8-9</p>	<p><b>Central Idea</b> Traditional holidays develop human relationships</p> <p><b>Key Concepts:</b> Causation, Connetion, Perspective</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b> Reasons we share with others, Different ways to be thankful, Differences and similarities of people in our community</p>	<p><b>Central Idea</b> The planets in the solar system work to support life on Earth over the last million years</p> <p><b>Key Concepts:</b> Causation, function, change</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b> Connection to our solar system, The effects and causes that solar flares have on our system, Ways and functions for human life on Earth exist because of the sun</p>	<p><b>Central Idea</b> Culures leave heir footprints in history through artifacts</p> <p><b>Key Concepts:</b> Connection, Perspective</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b> Artifacts teach us about past cultures, Culture and environment determine artifacts, Artifacts show ideas, beliefs, and values of a culture</p>	<p><b>Central Idea</b> Understanding the way materials behave and interact determins how people use them.</p> <p><b>Key Concepts:</b> Form, Function, Causation</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b> Properties of matter/forces and motion, Effect of size and mass on an on an object, How materials work for specific purposes</p>	<p><b>Central Idea</b></p> <p><b>Key Concepts:</b></p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b></p>	<p><b>Central Idea</b> Access to resources influences quality of life.</p> <p><b>Key Concepts:</b> Connection, Function, Responsibility</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b> How do we have access to electric power, How we function wth and without electricity, Alternate sources of electrical energy</p>

4th 9-10	<p><b>Central Idea</b> Living things play a role in our lives</p> <p><b>Key Concepts:</b> Function, responsibility, Reflection</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b> Plants, animals, and humans have different functions, We share responsibility in life cycles and natural life cycles</p>	<p><b>Central Idea</b> Earth is constantly changing</p> <p><b>Key Concepts:</b> Form, connection</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b> Formation of different landforms, Weather is connected to Earth's formations</p>	<p><b>Central Idea</b> The way matter behaves makes a difference in how people use it</p> <p><b>Key Concepts:</b> Change, Causation, Function</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b> Properties of matter, How energy changes matter, How we use matter in many ways</p>	<p><b>Central Idea</b> Energy is derived from a range of sources and used in various ways</p> <p><b>Key Concepts:</b> Causation, Change</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b> Forms of energy and the sources, The transformation of energy, The various uses of energy</p>	<p><b>Central Idea</b> Human's curiosity leads to understand the Earth is apart of an immense system called the universe</p> <p><b>Key Concepts:</b> Function, Causation, Connection</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry</b> The relationship between Earth and celestial bodies in our solar system, The impacts of Earth's position and movement affect itself, Technology aids in the study of the universe</p>	<p><b>Central Idea</b> Throughout time, habitats have been depleting due to mankind's lack of compromise</p> <p><b>Key Concepts:</b> Causation, change, perspective</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b> How systems are changing, How different perspectives affect actions</p>
5th 10-11	<p><b>EXHIBITION</b></p> <p><b>Central Idea</b> People set goals and make plans in order to achieve their professional dreams</p> <p><b>Key Concepts:</b> Causation, connection</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b> Exploring different career pathways, College readiness and success</p>	<p><b>Central Idea</b> Past discoveries shape way of living throughout time</p> <p><b>Key Concepts:</b> Change, Function</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b> What are past important discoveries and inventions, The role of discovery in shaping society, The importance of discoveries and inventions towards our lives</p>	<p><b>Central Idea</b> Ideas, feelings, beliefs and values are expressed when people align themselves with issues, movements and causes</p> <p><b>Key Concepts:</b> Responsibility, causation, perspective</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b> People make decisions and take action based on their feelings, beliefs, values, and ideas., People hold different positions on different issues based on their feelings, beliefs, ideas, and values.</p>	<p><b>Central Idea</b> Properties and attributes of matter affect how materials are used.</p> <p><b>Key Concepts:</b> Responsibility, Connection, Form</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b> Where do the materials we use daily come from?, How do we use these materials?, What happens to it when we are done with it?, What can be used instead of that material?</p>	<p><b>Central Idea</b> Humans use Earth's resources for energy</p> <p><b>Key Concepts:</b> Form, Causation, responsibility</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b> Renewable and nonrenewable resources, Fossil fuels, Global Warming, Alternative Energy</p>	<p><b>Central Idea</b> Access to resources influences quality of life</p> <p><b>Key Concepts:</b> Form, Connection, and Function</p> <p><b>Related Concepts</b></p> <p><b>Lines of Inquiry:</b> How is energy used in our daily lives?, How do we get access to electricity?, What impact might not having electricity have on our lives?</p>



















