

# Antietam Elementary Programme of Inquiry

## 2020-2021

	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 principals; 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.
PK	<p><b>Central Idea:</b> We use our minds and our bodies to learn about ourselves and our world.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into what's special about me</li> <li>An inquiry into what is a family</li> <li>An inquiry into what are our senses</li> </ul> <p><b>Key Concepts:</b> connection, perspective and causation</p>		<p><b>Central Idea:</b> People express their feelings, ideas, and thoughts in many ways.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into how we understand our feelings</li> <li>An inquiry into ways to recognize feelings in others</li> <li>An inquiry into how to express our feelings</li> </ul> <p><b>Key Concepts:</b> form and connection</p>	<p><b>Central Idea:</b> Weather and seasonal changes affect daily life of plants, animals and people.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into physical changes in the environment</li> <li>An inquiry into how people, animals and plants adapt to the changing environment</li> <li>An inquiry into how things we see in our environment have meaning</li> </ul> <p><b>Key Concepts:</b> form, connection and change</p>		<p><b>Central Idea:</b> Living things change as they grow</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into basic needs of living things</li> <li>An inquiry into how to care for living things</li> <li>An inquiry into stages of growth</li> </ul> <p><b>Key Concepts:</b> causation, change, and responsibility</p>
K	<p><b>Central Idea:</b> We use our minds and bodies (such as our five senses) to become good citizens of our community.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into our senses</li> <li>An inquiry into what a community is</li> <li>An inquiry into the qualities of a good citizen</li> </ul> <p><b>Key Concepts:</b> form and connection</p>	<p><b>Central Idea:</b> Changes over time have made us what we are today.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into past, present and future</li> <li>An inquiry into the effect of time and place on demand for resources</li> <li>An inquiry into patterns, cycles and change over time</li> <li>An inquiry into geography and positional words</li> </ul> <p><b>Key Concepts:</b> causation</p>	<p><b>Central Idea:</b> People express themselves by sharing ideas and creating things which contribute to the world.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry of the lives of people long ago</li> <li>An inquiry into how people express themselves</li> <li>An inquiry about how people make contributions to the world.</li> </ul> <p><b>Key Concepts:</b> perspective</p>	<p><b>Central Idea:</b> The knowledge and understanding of animals help to benefit humans.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into animal life cycles</li> <li>An inquiry into animal needs</li> <li>An inquiry into how a farm works</li> </ul> <p><b>Key Concepts:</b> function and change</p>	<p><b>Central Idea:</b> To meet their needs and wants, people work in a community.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into economics</li> <li>An inquiry into decision making</li> <li>An inquiry into jobs in the community</li> <li>An inquiry into evaluating different perspectives on government issues</li> </ul> <p><b>Key Concepts:</b> responsibility</p>	<p><b>Central Idea:</b> All living things need to share the Earth's resources to survive.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into the basic needs of plants</li> <li>An inquiry into reusing, reducing and recycling</li> <li>An inquiry into plant life cycles</li> </ul> <p><b>Key Concepts:</b> reflection</p>

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<p><b>1</b> <b>Central Idea:</b> Students have responsibilities in school</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into exhibiting good citizenship</li> <li>An inquiry into making good choices (principled)</li> <li>An inquiry into social skills and self-management</li> </ul> <p><b>Key Concepts:</b> causation and responsibility</p>	<p><b>Central Idea:</b> Our community and our world affect each other</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into maps</li> <li>An inquiry into timelines</li> <li>An inquiry into past, present &amp; future</li> </ul> <p><b>Key Concepts:</b> connection, perspective</p>	<p><b>Central Idea:</b> Cultural factors shape our communities</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into why people celebrate holidays</li> <li>An inquiry into traditions and why they are important</li> <li>An inquiry into how natural resources affects our communities.</li> </ul> <p><b>Key Concepts:</b> connection and reflection</p>	<p><b>Central Idea:</b> The interactions between people and materials affect the society in which we live</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into the natural world and its laws</li> <li>An inquiry into the interaction between the natural world (physical and biological) and human societies</li> <li>An inquiry into how humans use their understanding of scientific principles</li> <li>An inquiry into the impact of scientific and technological advances on society and on the environment</li> </ul> <p><b>Key Concepts:</b> causation and responsibility</p>	<p><b>Central Idea:</b> Seasonal changes affect human communities</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into how seasonal changes affect different communities</li> <li>An inquiry into the relationship between the sun and earth</li> <li>An inquiry into animal behaviors</li> </ul> <p><b>Key Concepts:</b> change, function, causation</p>	<p><b>Central Idea:</b> Living things are dependent on each other for survival</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into the basic needs of animals</li> <li>An inquiry into the relationship between plants and animals</li> <li>An inquiry into characteristics of animals</li> </ul> <p><b>Key Concepts:</b> change and function</p>
<p><b>2</b> <b>Central Idea:</b> Change is a process that occurs over time</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into community</li> <li>An inquiry into citizenship</li> <li>An inquiry into life cycles</li> </ul> <p><b>Key Concepts:</b> change and responsibility</p>	<p><b>Central Idea:</b> The natural environment and weather impacts the daily life of living things</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into weather</li> <li>An inquiry into resources</li> <li>An inquiry into the interdependence of Native Americans and plant products</li> </ul> <p><b>Key Concepts:</b> form and causation</p>	<p><b>Central Idea:</b> Outside factors impact how people and things are formed</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into matter</li> <li>An inquiry into Famous Americans</li> <li>An inquiry into human contributions</li> </ul> <p><b>Key Concepts:</b> reflection</p>	<p><b>Central Idea:</b> Physical and man-made properties govern the world processes</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into the natural environment</li> <li>An inquiry into map components</li> <li>An inquiry into magnets</li> </ul> <p><b>Key Concepts:</b> function and connection</p>	<p><b>Central Idea:</b> Choices people make are driven by diverse needs.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into economics</li> <li>An inquiry into diversity</li> <li>An inquiry into customs</li> </ul> <p><b>Key Concepts:</b> connection and perspective</p>	<p><b>Central Idea:</b> The survival of all societies (animal and human) requires the balance of individual needs.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into food chains</li> <li>An inquiry into habitats</li> <li>An inquiry into interdependence</li> </ul> <p><b>Key Concepts:</b> form and causation</p>
<p><b>3</b> <b>Central Idea:</b> Humans invent and work together to make life easier</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into responsibilities of a good citizen</li> <li>An inquiry into the Ancient civilization of Egypt and its influences</li> <li>An inquiry into simple machines and how they make work easier</li> </ul> <p><b>Key Concepts:</b> function</p>	<p><b>Central Idea:</b> Contributions of the past affect our daily lives</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into Ancient Greece</li> <li>An inquiry into the major components of soil</li> <li>An inquiry into the importance of soil for plants</li> </ul> <p><b>Key Concepts:</b> connection</p>	<p><b>Central Idea:</b> Humans make choices based on limited resources</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into the economic decisions based on opportunity and cost</li> <li>An inquiry into Ancient Mali</li> <li>An inquiry into renewable and non-renewable resources</li> <li>An inquiry into the water cycle and sources of water</li> </ul> <p><b>Key Concepts:</b> reflection and responsibility</p>	<p><b>Central Idea:</b> Communities are impacted by and impact the natural world</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into Ancient Rome</li> <li>An inquiry into physical properties and what objects are made of</li> <li>An inquiry into human impact and natural disaster</li> </ul> <p><b>Key Concepts:</b> responsibility and form</p>	<p><b>Central Idea:</b> Humans are influenced to make technology by the needs of the community</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into how simple machines continue to make life easier</li> <li>An inquiry into Greek advances into government and science</li> <li>An inquiry into life in Ancient Greece</li> </ul> <p><b>Key Concepts:</b> change and responsibility</p>	<p><b>Central Idea:</b> All living things adapt to their environment</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into Ancient China and its contributions</li> <li>An inquiry into behavioral and physical adaptations</li> <li>An inquiry into land and aquatic ecosystems</li> </ul> <p><b>Key Concepts:</b> perspective and causation</p>

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<b>4</b>	<p><b>Central Idea:</b> Challenge is the pathway to change</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into the major contributors to freedom for the United States</li> <li>An inquiry into the tools used in meteorology</li> <li>An inquiry into how electricity has changed our way of life</li> </ul> <p><b>Key Concepts:</b> change and function</p>	<p><b>Central Idea:</b> Exploration leads to discovery and expansion</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into how the knowledge of their environment helped the native people adapt.</li> <li>An inquiry into how geography can affect expansion.</li> <li>An inquiry into how space exploration is affected by technology and invention</li> </ul> <p><b>Key Concepts:</b> causation and connection</p>	<p><b>Central Idea:</b> Citizenship is an opportunity to make a difference</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into the responsibilities of a citizen</li> <li>An inquiry into how democracy represents its citizens</li> <li>An inquiry into how an ecosystem helps to create a quality environment</li> </ul> <p><b>Key Concepts:</b> function and responsibility</p>	<p><b>Central Idea:</b> The quality of an environment depends on the relationship between its inhabitants and their surroundings</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into how different cultures impact the development of society</li> <li>An inquiry into how weather impacts how environments develop</li> <li>An inquiry into how an ecosystem helps to create a quality environment</li> </ul> <p><b>Key Concepts:</b> form and change</p>	<p><b>Central Idea:</b> Rebirth and growth will occur in cycles, in society and nature</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into the reasons for war</li> <li>An inquiry into the life cycle of plants</li> <li>An inquiry into how the country recovered after the war</li> </ul> <p><b>Key Concepts:</b> perspective and reflection</p>	<p><b>Central Idea:</b> Dreams for the future are impacted by the history from the past</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into how past experiences influence future opportunities</li> <li>An inquiry into how objects move</li> <li>An inquiry into testing our hypotheses to create new ideas</li> </ul> <p><b>Key Concepts:</b> connection and reflection</p>
<b>5</b>	<p><b>Central Idea:</b> All living and nonliving things form connections.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into how parts impact a whole</li> <li>An inquiry into how living and nonliving things are connected</li> <li>An inquiry into cause and effect relationships</li> </ul> <p><b>Key Concepts:</b> change and connection</p>	<p><b>Central Idea:</b> Constant changes cause movement and growth</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into what causes changes into living things and nonliving things</li> <li>An inquiry into why people move from place to place</li> <li>An inquiry into how humans impact change on Earth</li> </ul> <p><b>Key Concepts:</b> causation, responsibility and change</p>	<p><b>Central Idea:</b> Culture impacts the way feelings, ideas, beliefs and values are developed and expressed</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into the application of the scientific method</li> <li>An inquiry into how natural resources contributed to development</li> <li>An inquiry into the similarities and differences between the North American mainland and the surrounding islands</li> </ul> <p><b>Key Concepts:</b> perspective, change and reflection</p>	<p><b>Central Idea:</b> The human need to investigate leads to new discoveries.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into the ocean floor</li> <li>An inquiry into the roles of dependent and independent variables within the scientific method</li> <li>An inquiry into the perspectives of people who have occupied the Southwest Region of the United States</li> </ul> <p><b>Key Concepts:</b> form, function and perspective</p>	<p><b>Central Idea:</b> All living and non-living things can be classified by certain characteristics.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into classification</li> <li>An inquiry into organizational systems</li> <li>An inquiry into the organization and classroom and school communities</li> </ul> <p><b>Key Concepts:</b> function, causation and connection</p>	<p><b>Central Idea:</b> Culture and economy impact human interaction.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>An inquiry into countries that border the United States</li> <li>An inquiry into the application of the scientific method</li> <li>An inquiry into cultural differences</li> </ul> <p><b>Key Concepts:</b> causation, perspective and reflective</p>