

Edgar Allan Poe Elementary  
PYP Programme of Inquiry – 2017-2018

GRADE LEVEL	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 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 principals; 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 human kind and the environment.</i>	<i>An inquiry into rights and responsibilities in the struggle to share finite resources with other people and other living things; communities and the relationships within and between them; access to equal opportunities; peace and conflict resolution.</i>
PreK	<p><u>Central Idea:</u> People have similarities and differences. Need to rewrite</p> <p><u>Key Concepts:</u> Form Connection Causation <u>Related Concepts</u> Discovery Needs and wants <u>Lines of Inquiry:</u> Discovery through the senses Reasons why the senses determine rules and procedures Family and friends The human body September 11-October 27, 2017</p>		<p><u>Central Idea:</u> The way people express themselves may be appropriate or inappropriate.</p> <p><u>Key Concepts:</u> Form Perspective Responsibility <u>Related Concepts:</u> Culture Exploration <u>Lines of Inquiry:</u> Appropriate interaction through structured play Acceptable forms of expression in communities Respecting each other's point of view October 30, 2017-January 12, 2018</p>	<p><u>Central Idea:</u> All living things have life cycles that are dependent on certain environments.</p> <p><u>Key Concepts</u> Connection Causation Change <u>Related Concepts:</u> Cycle Pattern <u>Lines of Inquiry:</u> Relationships of life cycles to the environment How needs and wants of living things shape their life cycles Changes of living things over their life cycle March 26-May 11, 2018</p>		<p><u>Central Idea:</u> Responsible people help their community. Look at possibly changing</p> <p><u>Key Concepts:</u> Function Responsibility Connection <u>Related Concepts:</u> Interdependence Community <u>Lines of Inquiry:</u> Necessities of a community Values of responsible people Similarities and differences of responsible people February 5-Mrarch 23, 2018</p>
Kinder	<p><u>Central Idea:</u> Characteristics and preferences determine individual uniqueness.</p> <p><u>Key Concepts:</u> Change Perspective <u>Related Concepts:</u> Culture Diversity <u>Lines of Inquiry:</u> Similarities and differences of people Observations and comparisons of physical characteristics How characteristics and preferences change over time September 5-October, 2017</p>	<p><u>Central Idea:</u> Circumstances determine people's wants and needs.</p> <p><u>Key Concepts:</u> Causation Responsibility Function <u>Related Concepts:</u> Trade Resources Jobs Money <u>Lines of Inquiry:</u> Differences between wants and needs How wants and needs are satisfied Circumstances that affect your wants and needs November 6 – December 15, 2017</p>	<p><u>Central Idea:</u> People express culture and attitudes through language and fine arts.</p> <p>Under revision</p> <p><u>Key Concepts:</u> Connection Perspective Reflection <u>Related Concepts:</u> Communication Interpretation <u>Lines of Inquiry:</u> Feelings and attitudes evoked through arts Communicating attitudes to others through dance, music and literature How culture influences attitudes revise January 8, 2018 – February 9, 2018</p>	<p><u>Central Idea:</u> Weather impacts human existence.</p> <p><u>Key Concepts:</u> Change Form <u>Related Concepts:</u> Cycle Environment Natural resources <u>Lines of Inquiry:</u> Patterns of weather Ways humans are effected by patterns of weather Ways people are changed by weather February 12 – March 29, 2018</p>	<p><u>Central Idea:</u> Roles and rules shape a community.</p> <p><u>Key Concepts:</u> Responsibility Function <u>Related Concepts:</u> Diversity Citizenship Laws and Rules Roles <u>Lines of Inquiry:</u> Purpose of rules and regulations Members of the community, services they perform, and the tools they use Roles of the community members and how they work together October 9-November 3, 2017</p>	<p><u>Central Idea:</u> Living things are dependent on each other.</p> <p><u>Key Concepts:</u> Reflection Causation <u>Related Concepts:</u> Interdependence Cooperation <u>Lines of Inquiry:</u> Ways that people depend on each other How living things can help or hurt each other. The importance of recycling Characteristics of plants, animals, and insects. April 9 – May 18, 2018</p>

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1 <sup>st</sup>	<p><u>Central Idea:</u> Families teach us about our history and traditions.</p> <p><u>Key Concepts:</u> Perspective Connection Change</p> <p><u>Related Concepts:</u> Citizenship Relationships Diversity</p> <p><u>Lines of Inquiry:</u> Family origins Significance of celebrations and traditions Embracing diversity November 13 -December 21, 2017</p>	<p><u>Central Idea:</u> Historical figures made contributions that shaped society.</p> <p><u>Key Concepts:</u> Reflection Change Causation</p> <p><u>Related Concepts:</u> Discovery Transformation History</p> <p><u>Lines of Inquiry:</u> How imagination leads to discovery Reasons for exploration How innovations change societies How people and events cause changes to happen over time February 19 – April 6, 2018</p>	<p><u>Central Idea:</u> Storytelling is an art that can be told in many different forms.</p> <p><u>Key Concepts:</u> Perspective Reflection Form</p> <p><u>Related Concepts:</u> Patterns Conflict Purpose</p> <p><u>Lines of Inquiry:</u> Communication through stories How the reflection of story elements facilitates and enhances comprehension Storytelling through art, music, dance, film and literature September 5-October 6, 2017</p>	<p><u>Central Idea:</u> Energy affects our everyday life.</p> <p><u>Key Concepts:</u> Causation Function Change</p> <p><u>Related Concepts:</u> Matter Energy Forces</p> <p><u>Lines of Inquiry:</u> Classifications of properties of matter Types of energy How energy changes matter How we use matter in many different ways - Lines of inquiry need to be changed to align with the TEKS. October 9-November 10, 2017</p>	<p><u>Central Idea:</u> Available resources determine needs and wants.</p> <p><u>Key Concepts:</u> connection responsibility function</p> <p><u>Related Concepts:</u> Goods and services Money/cost Buying and selling</p> <p><u>Lines of Inquiry:</u> How location determines available resources Goods and services How families make choices based on wants and needs Responsibility of using resources January 8-February 16, 2018</p>	<p><u>Central Idea:</u> Everything in a biome is interconnected.</p> <p><u>Key Concepts:</u> Form Connection Function</p> <p><u>Related Concepts:</u> Natural resources Interdependence Landforms</p> <p><u>Lines of Inquiry:</u> How the location on a planet determines the biome's features How climate, landforms, water sources, and natural resources affect plant and animal survival. How food chains provide energy exchange Living and non-living organisms April 9 – May 25, 2018</p>

2 <sup>nd</sup>	<p><b>Central Idea:</b> We are responsible for managing our wellbeing.</p> <p><b>Key Concepts:</b> Causation Responsibility</p> <p><b>Related Concepts:</b> Choice Dependence Health Energy</p> <p><b>Lines of Inquiry:</b> The connection between one's own well-being and an ability to care about others (empathy) How personal choices affect the well-being of a community Personal health includes physical, mental, social and spiritual health August 28–October 6, 2017</p>	<p><b>Central Idea:</b> The many cultures in Houston connect us to the global community.</p> <p><b>Key Concepts:</b> Change Causation</p> <p><b>Related Concepts:</b> Movement Resources Culture</p> <p><b>Lines of Inquiry:</b> Reasons people migrate Places people migrate Why resources vary geographically November 13-December 21, 2017</p>	<p><b>Central Idea:</b> Struggle may inspire creativity.</p> <p><b>Key Concepts:</b> Form Change Perspective</p> <p><b>Related Concepts:</b> Patterns Culture</p> <p><b>Lines of Inquiry:</b> How cultural perspectives are reflected through the arts Ways to express creativity Responses to struggle January 8-February 16, 2018</p>	<p><b>Central Idea:</b> Systems determine how we live.</p> <p><b>Key Concepts:</b> Function connection</p> <p><b>Related Concepts:</b> Interdependence cycle</p> <p><b>Lines of Inquiry:</b> How plants and animals are dependent on systems to live Natural and man-made systems How parts work together to make a system work Effects of systems breaking down October 9-November 10, 2017 January 4-February 10, 2017</p>	<p><b>Central Idea:</b> The interdependence between consumers and producers impacts personal choice.</p> <p><b>Key Concepts:</b> Reflection Connection Causation</p> <p><b>Related Concepts:</b> Balance goods and services</p> <p><b>Lines of Inquiry:</b> Role of producers and consumers Choosing products and services Responsible decision making, based on what affects me, my family, community and the world February 19-April 6, 2018</p>	<p><b>Central Idea:</b> Insects are important to the survival of our planet.</p> <p><b>Key Concepts:</b> Connection Change</p> <p><b>Related Concepts:</b> Resources Adaptation Habitat</p> <p><b>Lines of Inquiry:</b> Ways that living organisms meet their needs Interdependence of living things Responsibilities for protecting our environment April 9-May 18, 2018</p>
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3 <sup>rd</sup>	<p><b>Central Idea:</b> Our beliefs, values, and cultures shape our actions.</p> <p><b>Key Concepts:</b> Connection Perspective Causation</p> <p><b>Related Concepts:</b> Values Interactions Relationships</p> <p><b>Lines of Inquiry:</b> Our rights and responsibilities towards others Influential people and celebrations How experiences impact beliefs which impact actions November 13 – December 21, 2017</p>	<p><b>Central Idea:</b> Geography and natural disasters influence where and how people choose to live</p> <p><b>Key Concepts:</b> Form Causation Change</p> <p><b>Related Concepts:</b> Geography Landforms Population</p> <p><b>Lines of Inquiry:</b> Maps, the information they provide and how they've changed over time Landforms and how they connect to human populations Causes and effects of natural disasters September 5 – October 13, 2017</p>	<p><b>Central Idea:</b> People may express their knowledge about factual information through words.</p> <p><b>Key Concepts:</b> Function Form Reflection</p> <p><b>Related Concepts:</b> Organization Authority Creativity</p> <p><b>Lines of Inquiry:</b> Types of nonfiction Creating a form of nonfiction Becoming an expert on a topic How writers incorporate voice in their writing April 9-May 18, 2018</p>	<p><b>Central Idea:</b> Our curiosity may drive us to understand Earth and its relationship to other planets in the solar system.</p> <p><b>Key Concepts:</b> Connection Causation Function</p> <p><b>Related Concepts:</b> System Organization Discovery</p> <p><b>Lines of Inquiry:</b> The dynamics of planets, moons, stars, and the importance of gravity The earth's movement relative to the sun and other planets Movement of the phases of the moon Biographical information on scientists Machines that explore space to provide information about the solar system</p>	<p><b>Central Idea:</b> The structure of a business may determine its success.</p> <p><b>Key Concepts:</b> connection perspective causation</p> <p><b>Related Concepts:</b> supply/demand system</p> <p><b>Lines of Inquiry:</b> Wants, needs, and services Supply and demand and audience Necessary structures for success Jobs and responsibilities February 12-April 6, 2018</p>	<p><b>Central Idea:</b> A balanced environment strengthens a species survival.</p> <p><b>Key Concepts:</b> Responsibility Causation Connection</p> <p><b>Related Concepts:</b> Balance Responsibility Conservation</p> <p><b>Lines of Inquiry:</b> Ways that people contribute(cause) to the extinction of other species Ways to be responsible for the b environment for balancing (sharing) the planet Understanding needs for organisms to survive October 16, 2017 – November 10, 2017</p>

				January 9-February 9, 2018		
4th	<p><u>Central Idea:</u> Systems shape communities.</p> <p><u>Key Concepts:</u> Function Connection Reflection</p> <p><u>Related Concepts:</u> Role Interdependence System</p> <p><u>Lines of Inquiry:</u> Reasons for systems The nature of human, societal and environmental change over time Relationships that may affect systems November 27-December 31, 2017</p>	<p><u>Central Idea:</u> Migrations lead to adaptations of the physical and cultural environment.</p> <p><u>Key Concepts:</u> Causation Perspective Connection</p> <p><u>Related Concepts:</u> Migration Adaptations</p> <p><u>Lines of Inquiry:</u> Reasons that populations move through the environment Life dependency on natural resources Ways physical and human factors define a region O August 31-October13, 2017</p>	<p><u>Central Idea:</u> Ideas can be conveyed through writing.</p> <p><u>Key Concepts:</u> Form Function Perspective</p> <p><u>Related Concepts:</u> Communication Structure Opinion</p> <p><u>Lines of Inquiry:</u> How the elements of writing are used to communicate Ways writing evokes our emotions Cultural identities reflected through writing January 8-February 16, 2018</p>	<p><u>Central Idea:</u> Science and technology affect environments.</p> <p><u>Key Concepts:</u> Change Form Function</p> <p><u>Related Concepts:</u> Interaction Environment Discovery</p> <p><u>Lines of Inquiry:</u> How technology has advanced societies Environmental impact of scientific discoveries Innovations that have led to efficiency April 9 – May 25, 2018</p>	<p><u>Central Idea:</u> The availability of goods and services affects the global economy.</p> <p><u>Key Concepts:</u> Function Connection Form</p> <p><u>Related Concepts:</u> Interdependence Communication Structure</p> <p><u>Lines of Inquiry:</u> Connections in the global economy How supply and demand effects suppliers , goods, services, and prices Making fair and informed choices about limited resources February 19-April 6, 2018</p>	<p><u>Central Idea:</u> Problem solving can reconcile differences in communities.</p> <p><u>Key Concepts:</u> Perspective Causation Responsibility</p> <p><u>Related Concepts:</u> Consequences Opinion Rights</p> <p><u>Lines of inquiry:</u> Causes and effect of conflict How challenges lead to decision making Ways that resolutions redefine society October 16 – November 17, 2017</p>

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5 <sup>th</sup>	<p><b>Central Idea:</b> Systems and methods help establish consistency and commonality within communities.</p> <p><b>Key Concepts:</b> Connection Responsibility Function</p> <p><b>Related Concepts:</b> Scientific inquiry Problem solving Systems</p> <p><b>Lines of Inquiry:</b> Process and development of systems Responsibility of individuals within a system Collaborations and discoveries from methods August 28-September 15, 2017</p>	<p><b>Central idea:</b> Cultures develop explanations for mysteries of nature.</p> <p><b>Key Concepts:</b> Causation Function Connection</p> <p><b>Related concepts:</b> Story telling Scientific reasoning Beliefs</p> <p><b>Lines of Inquiry:</b> Creation of origin story Interconnectedness of the natural world and civilization Scientific discoveries October 27-Dec.22, 2017</p>	<p><b>Central Idea:</b> <b>Under Construction</b></p> <p><b>Key Concepts:</b> <b>Related Concept:</b> <b>Lines of Inquiry:</b> January 8-February 2, 2018</p>	<p><b>Central Idea:</b> Human actions and natural occurrences affect cycles and systems in nature.</p> <p><b>Key Concepts:</b> Function Change Reflection</p> <p><b>Related Concepts:</b> Supply Demand Cycles</p> <p><b>Lines of Inquiry:</b> Impacts of human actions on nature Cycles in nature The earth's ecosystems September 18-October 27, 2017</p>	<p><b>Central Idea: Exhibition</b> Actions taken by aid groups determine the welfare of society.</p> <p><b>Key Concepts:</b> Developed by students</p> <p><b>Related Concepts:</b> Developed by students</p> <p><b>Lines of Inquiry:</b> Developed by student groups Match 26-May 17, 2018</p>	<p><b>Central Idea:</b> Equilibrium of finite resources is the responsibilities of a society. (for everyone???)</p> <p><b>Key Concepts:</b> Perspective Connection Reflection</p> <p><b>Related Concepts:</b> Resources Utilization Cultivation</p> <p><b>Lines of Inquiry:</b> Availability of natural resources Supply and demand Results of having a disproportion of resources February 5-March 23, 2018</p>
Fine Arts			<p><b>Central Idea:</b> Movements in the arts are a reflection of time and place.</p> <p><b>Key Concepts:</b> Connection Causation Function</p> <p><b>Related Concepts:</b> Communication Pattern Expression</p> <p><b>Lines of Inquiry:</b> Artistic Movement How the arts are connected to each other The reasons that people express themselves through the arts Techniques and styles artists use to express themselves January 9-April 27, 2018</p>			

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PSPE					<p><u>Central idea</u> Cooperation, communication, trust, and an open-mind are essential to effectively solving problems and achieving team goals.</p> <p><u>Key Concepts:</u> Connection Change Responsibility</p> <p><u>Related Concepts:</u> Communication Problem solving</p> <p><u>Lines of Inquiry:</u> The importance of communicating our thoughts and ideas How trust, teamwork, and an open mind can greatly increase success The many ways that problems can be solved November 17-December 22, 1918</p>	
Library					<p><u>Central Idea:</u> Information helps us answer questions.</p> <p><u>Key Concepts:</u> Form Function Reflection</p> <p><u>Related Concepts:</u> Structure Communication Interpretation</p> <p><u>Lines of Inquiry:</u> Systems for organizing information Informational formats Evaluating, organizing and sharing data Academic integrity</p>	