

**Pulaski International IB PYP: Program of Inquiry 2014-2015**

School: Pulaski

An inquiry into:

| Age | <b>An inquiry into<br/>Who we are</b>   | <b>An inquiry into<br/>Where we are in time and<br/>place</b>   | <b>An inquiry into<br/>How we express ourselves</b>   | <b>An inquiry into<br/>How the world works</b>  | <b>An inquiry into<br/>How we organise<br/>ourselves</b>  | <b>An inquiry into<br/>How we share the planet</b>  |
|-----|---|---|---|---|---|---|
|     | An exploration 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 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 worlds (physical and biological) and human societies: how humans use their understanding of scientific principles; the impact of scientific and technological advances on society and 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 other living things; communities and the relationships within and between them; access to equal opportunities; peace and conflict resolution.   |
| 3-4 | <b>CENTRAL IDEA</b><br>Increasing awareness of our personal characteristics and abilities, and those of others, allows our self-identity to be human<br><br>Lines of Inquiry:<br>- physical, social, and emotional characteristics<br>- my roles within the family<br>-recognizing similarities and differences between myself and others<br><br>Key Concepts:<br>Form, Perspective, & Reflection<br>Related Concepts: Identify & Relationships |   | <b>CENTRAL IDEA</b><br>People express thoughts, ideas, and feelings in many ways.<br><br>Lines of Inquiry:<br>-How we use different forms of expression; visual, music, dance/movement, drama<br>-Imaginative use of materials<br>Active exploration<br><br>Key Concepts:<br>Responsibility, Perspective, & Connection<br>Related Concepts:<br>Imagination, Creativity, & Communication | <b>CENTRAL IDEA:</b><br>The theory of how the human and natural world work together.<br><br>Lines of Inquiry:<br>-What do people do?<br>-How do things work in the world?<br>-Change of natural phenomenon /Season Changes<br><br>Key Concepts:<br>Form , Causation, Change<br>Related Concepts:<br>Structure, Impact, Transformation |   | <b>CENTRAL IDEA</b><br>Establishing practices in order to sustain and maintain and care for all of the Earth's environment.<br><br>Lines of Inquiry<br>-The impact of our choices on the environment<br>-Caring for all life forms in the environment.<br>-Using practices of Recycling, Reducing and Reusing.<br><br>Key Concepts:<br>Causation, Connection, & Responsibility.<br>Related concepts:<br>Lifestyles, resources, and environment. |

|          |  |  |   |   |  |  |
|----------|--|--|---|---|--|--|
| 5-6<br>K | <p><b>CENTRAL IDEA</b><br/>Getting to know ourselves helps us understand others around us</p> <p><b>Lines of Inquiry:</b><br/>-My personal traits and characteristics make me unique<br/>-Learning how others overcome their insecurities<br/>-Interaction with others and the world influences my identity</p> <p><b>Key Concepts:</b><br/>Perspective &amp; Connection</p> <p><b>Related Concepts:</b><br/>Identity &amp; Similarities/differences</p> | <p><b>CENTRAL IDEA</b><br/>Location and time determine the characteristics of a home</p> <p><b>Lines of Inquiry</b><br/>-Structures of homes<br/>-How our environment affects home structures<br/>-Houses have changed over time</p> <p><b>Key Concepts:</b><br/>Causation &amp; Change</p> <p><b>Related Concepts</b><br/>Chronological, Evolution, &amp; Community</p> | <p><b>CENTRAL IDEA</b><br/>Verbal and nonverbal communication helps us discover our feelings so we can clearly communicate</p> <p><b>Lines of Inquiry</b><br/>-Forms of communication<br/>-Types of feelings<br/>-Body language</p> <p><b>Key Concepts:</b><br/>Connection, Reflection, &amp; Causation</p> <p><b>Related Concepts:</b><br/>Relationships, Reasons, &amp; Attitudes</p> | <p><b>CENTRAL IDEA</b><br/>Everyday materials have properties that help define their purposes</p> <p><b>Lines of Inquiry</b><br/>-Different types of materials<br/>-Attributes of materials<br/>-What materials are used for<br/>- Using senses to interact with materials</p> <p><b>Key Concepts:</b><br/>Function &amp; Form</p> <p><b>Related Concepts</b><br/>Adaptation, Measurement, &amp; Transformation</p> | <p><b>CENTRAL IDEA</b><br/>Signs &amp; Symbols create meaning that organize local and global communities</p> <p><b>Lines of Inquiry</b><br/>-Signs and symbols<br/>-Reasons for signs and symbols<br/>-Features used to communicate locally and globally</p> <p><b>Key Concepts</b><br/>Form, Causation &amp; Function</p> <p><b>Related Concepts</b><br/>Communication &amp; Expression</p> | <p><b>CENTRAL IDEA</b><br/>Animals have structures, needs, and behaviors that enable them to survive</p> <p><b>Lines of Inquiry</b><br/>-Structure and behaviours of animals<br/>-Animal needs<br/>-Our responsibility to care for animals</p> <p><b>Key Concepts</b><br/>Function, Connection &amp; Causation</p> <p><b>Related Concepts</b><br/>Structure &amp; Behavior</p> |
|----------|--|--|---|---|--|--|

|                               |  |  |  |   |  |   |
|-------------------------------|--|--|--|---|--|---|
| <p>6-7<br/>1<sup>st</sup></p> | <p>Making balanced choices about daily routines enables us to achieve a healthy lifestyle</p> <p>Lines of Inquiry:<br/>-Daily habits and choices (eating, sleeping, exercise and personal hygiene)<br/>-Reasons for balanced choices<br/>-Consequences of lifestyle choices</p> <p>Key Concepts:<br/>Responsibility &amp; Connection</p> <p>Related Concepts<br/>Movement &amp; Health Balance</p> | <p>People invent things to improve daily life.</p> <p>Lines of Inquiry:<br/>-Reasons for inventions<br/>-Impact for inventions</p> <p>Key Concepts: Change &amp; Causation</p> <p>Related Concepts:<br/>Chronology, Evolution &amp; Community</p>  | <p>We communicate through various forms of art.</p> <p>Lines of Inquiry:<br/>-We use schema to visualize<br/>-We use schema to infer meaning and interpret art and literature<br/>-We use fine arts to express feeling and ideas</p> <p>Key Concepts: Perspective &amp; Reflection</p> <p>Related Concepts:<br/>Opinion, Similarity, &amp; Differences</p>                     | <p>Understanding the way materials behave and interact determines how people use them.</p> <p>Lines of Inquiry:<br/>-States of matter<br/>-Compare/contrast different types of matter<br/>-Matter changes (Solids and liquids)</p> <p>Key Concepts:<br/>Form &amp; Change</p> <p>Related Concepts:<br/>Changes of State, Properties of Solids, Liquids, and Gases</p> | <p>Families are alike and different in many ways</p> <p>Lines of Inquiry:<br/>-Family Roles<br/>-Geography<br/>-Culture</p> <p>Key Concepts:<br/>Connection &amp; Reflection</p> <p>Related Concepts:<br/>Culture &amp; Values</p>   | <p>Organisms need each other to grow in a healthy way.</p> <p>Lines of Inquiry<br/>-Characteristics of living things (character traits as well)<br/>-Our needs and needs of living things<br/>-Our personal choices affect living things</p> <p>Key Concepts:<br/>Responsibility &amp; Function</p> <p>Related Concepts:<br/>Adaptation, Interdependence, &amp; Resources</p> |
| <p>7-8<br/>2<sup>nd</sup></p> | <p>How We Organize Ourselves</p> <p>Our communities have important civic and cultural resources that sustain individual and community life.</p> <p>Lines of inquiry<br/>-Identity<br/>-Civics<br/>-History</p> <p>Key Concepts<br/>-Function<br/>-Causation<br/>-Connection</p> <p>Related Concepts<br/>-Interdependence</p>   | <p>Where We Are In Time and Place</p> <p>Geographical locations provide different perspectives, opportunities, and challenges.</p> <p>Lines of inquiry<br/>-Geographical Features<br/>-Leisure activities<br/>-The relationship between humans and geographical features</p> <p>Key Concepts<br/>-Perspective<br/>-Form</p> <p>Related Concepts<br/>-Opinion</p> | <p>How We Share the Planet</p> <p>Individuals can make a difference in their communities through service and civic action.</p> <p>Lines of inquiry<br/>-Weather<br/>-Natural disasters<br/>-Finite resources<br/>-Caring for people after natural disasters</p> <p>Key Concepts<br/>-Causation<br/>-Responsibility<br/>-Connection</p> <p>Related Concepts<br/>-Adaptation</p> | <p>How the World Works</p> <p>Exploring force allows people to understand how objects move</p> <p>Lines of inquiry<br/>-Force<br/>-Motion<br/>-Balance<br/>-Balance in our lives</p> <p>Key Concepts<br/>-Function<br/>-Causation<br/>-Change</p> <p>Related Concepts<br/>-Movement<br/>-Evidence</p>   | <p>How We Express Ourselves</p> <p>Storytelling is a form of creative expression that links cultures.</p> <p>Lines of inquiry<br/>-Forms of storytelling<br/>-Fables, folktales, fairy tales<br/>-Creating our own stories</p> <p>Key Concepts<br/>-Connection<br/>-Change<br/>-Form</p> <p>Related Concepts<br/>-Communication<br/>-Beliefs</p> | <p>Who We Are</p> <p>Citizens have roles within their communities to meet the needs of themselves and others.</p> <p>Lines of inquiry<br/>-Careers<br/>-Interdependence of community members<br/>-Freedom and Equality</p> <p>Key Concepts<br/>-Responsibility<br/>-Form<br/>-Function</p> <p>Related Concepts<br/>-Interdependence<br/>-Structure</p>                        |

|                         | -Structure<br>-Characteristics  | -Structure<br>-Characteristics  | -Interdependence   |   |  |  |
|-------------------------|---|---|--|---|--|--|
| 3rd                     | <p>Cultural groups possess ways to share and explain the human experience</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> <li>- Myths</li> <li>- Legends</li> <li>- Commonalities among cultures</li> </ul> <p>Key Concepts</p> <p>Perspective</p> <p>Reflection</p> <p>Connection</p> <p>Related Concepts</p> <ul style="list-style-type: none"> <li>Communication</li> <li>Diversity</li> <li>Values</li> </ul>  | <p>People move to improve their lives.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> <li>- Migration</li> <li>- Environmental factors</li> <li>- Economic Factors</li> <li>- Political Factors</li> </ul> <p>Key Concepts</p> <p>Causation</p> <p>Change</p> <p>Responsibility</p> <p>Related Concepts</p> <ul style="list-style-type: none"> <li>Exploitation</li> <li>Scarcity</li> <li>Conflict</li> </ul>  | <p>We can discover and express our ideas and feelings using the creative process and a variety of art forms.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> <li>- Feelings versus. ideas</li> <li>- Creative process</li> <li>- Art forms</li> </ul> <p>Key Concepts</p> <p>Perspective</p> <p>Form</p> <p>Reflection</p> <p>Related Concepts</p> <ul style="list-style-type: none"> <li>Similarity</li> <li>Tradition</li> <li>Innovation</li> </ul>  | <p>People across the world create and manipulate sound for many purposes.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> <li>- Cause of sounds</li> <li>- How sounds travel</li> <li>- Uses of sound.</li> <li>- Interpreting sound through our senses</li> </ul> <p>Key Concepts</p> <p>Causation</p> <p>Function</p> <p>Form</p> <p>Related Concepts</p> <ul style="list-style-type: none"> <li>Structure</li> <li>Variations</li> <li>Scale</li> </ul>   | <p>People depend on each other to have their needs met.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> <li>- Transportation systems</li> <li>- Functions of individuals within an economic system</li> <li>- Responsibilities of individuals within an economic system.</li> </ul> <p>Key Concepts</p> <p>Change</p> <p>Connection</p> <p>Form</p> <p>Function</p> <p>Related Concepts</p> <ul style="list-style-type: none"> <li>Systems</li> <li>Role</li> <li>Location</li> </ul>                         | <p>Our survival depends on water.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> <li>-Properties of water and the water cycle</li> <li>-Getting and sharing water</li> <li>-Water conservation</li> <li>-Renewable and nonrenewable resources</li> </ul> <p>Key Concepts</p> <p>Responsibility</p> <p>Function</p> <p>Form</p> <p>Related Concepts</p> <ul style="list-style-type: none"> <li>Changes in matter</li> <li>Interdependence</li> <li>Custodianship</li> </ul>   |
| 9-10<br>4 <sup>th</sup> | <p>The human body is a complex system which is dependent upon all parts working together</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> <li>-Systems of the body</li> <li>-Bones, joints, and muscles each play an independent role in the functioning of the body</li> <li>-Bones, joints, and muscles work together to allow the body to perform daily tasks</li> <li>-Choices we make affect the health of our bodies</li> </ul> <p>Key Concepts</p> <ul style="list-style-type: none"> <li>-Function</li> <li>-Connection</li> <li>-Responsibility</li> </ul> | <p>Culture influences our way of life and connects local and global communities</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> <li>- Culture and its influence on our way of life</li> <li>-Cultures interact with one another in one location</li> <li>-Cultures connect people across the world</li> </ul> <p>Key Concepts</p> <ul style="list-style-type: none"> <li>-Change</li> <li>-Connection</li> <li>-Responsibility</li> </ul> <p>Related Concepts</p> <ul style="list-style-type: none"> <li>-Features</li> <li>-Impact</li> <li>-Network</li> </ul> | <p>We use various creative mediums to express our beliefs and opinions as a form of communication</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> <li>-Expressing opinions in different forms</li> <li>-Developing opinions with evidence</li> <li>-Opinions affect other people</li> </ul> <p>Key Concepts</p> <ul style="list-style-type: none"> <li>-Perspective</li> <li>-Reflection</li> <li>-Causation</li> </ul> <p>Related Concepts</p> <ul style="list-style-type: none"> <li>-Interpretation</li> <li>-Sensitivity</li> </ul> | <p>Understanding how the properties of electricity and magnetism impact our world.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> <li>-Evidence of electricity and magnetism</li> <li>-Function and application of electricity and magnetism</li> <li>-Relationship between electricity and magnetism</li> </ul> <p>Key Concepts</p> <ul style="list-style-type: none"> <li>-Form</li> <li>-Function</li> <li>-Connection</li> </ul> <p>Related Topics</p> <ul style="list-style-type: none"> <li>-Attraction &amp; Reflection</li> <li>-Relationships</li> </ul> | <p>Groups of people are enslaved for social and economic reasons.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> <li>-Groups are targeted for different reasons</li> <li>-The impact of slavery</li> <li>-Types of slavery over time</li> </ul> <p>Key Concepts</p> <ul style="list-style-type: none"> <li>-Reflection</li> <li>-Perspective</li> <li>-Causation</li> </ul> <p>Related Topics</p> <ul style="list-style-type: none"> <li>-Injustice</li> <li>-Human Rights</li> <li>-Exploitation</li> </ul> | <p>Humans and natural elements interact to affect the land</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> <li>-Physical properties of natural elements</li> <li>-Water reshapes the earth's surface</li> <li>-Landscape determines how humans use the land</li> </ul> <p>Key Concepts</p> <ul style="list-style-type: none"> <li>-Form</li> <li>-Change</li> <li>-Causation</li> </ul> <p>Related Topics</p> <ul style="list-style-type: none"> <li>-Features</li> <li>-Cycles</li> <li>-Condensation and</li> </ul> |

|                          |   |  |  |   |  |  |
|--------------------------|---|--|--|---|--|--|
|                          | <p>Related Concepts</p> <ul style="list-style-type: none"> <li>-Systems</li> <li>-Structure</li> <li>-Behavior</li> </ul>   |  | -Opinion   | -Role   |  | Evaporation  |
| 11-12<br>5 <sup>th</sup> | <p>Culture shapes Identity</p> <p>Lines of Inquiry</p> <p>Reasons people migrate</p> <p>Connection between the environment and the people</p> <p>Society structures</p> <p>Key Concepts</p> <ul style="list-style-type: none"> <li>-Change</li> <li>-Connection</li> <li>-Responsibility</li> </ul> <p>Related Concepts</p> <ul style="list-style-type: none"> <li>- Interdependence</li> <li>-cooperation</li> <li>-Natural Resources</li> </ul> | <p>The ways in which humans measure time reflect their needs</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> <li>-Natural cycles of the moon and the sun</li> <li>-Time-telling devices</li> <li>-How devices reflect the societies that use them</li> </ul> <p>Key concepts</p> <ul style="list-style-type: none"> <li>-Function</li> <li>-Reflection</li> <li>-Form</li> </ul> <p>Related Concepts</p> <ul style="list-style-type: none"> <li>-Time</li> <li>- Adaption</li> <li>-Evolution</li> <li>-Structure</li> <li>-Variations</li> </ul> | <p>The media we consume constructs our self-image and our perception of others.</p> <p>Lines of Inquiry</p> <p>Messages, various types of media”</p> <p>What shapes our identity”</p> <p>How the media promotes misconceptions</p> <p>Key concepts</p> <ul style="list-style-type: none"> <li>-Causation</li> <li>-Perception</li> <li>-Reflection</li> </ul> <p>Related Concepts</p> <p>Stereotypes</p> <p>Electronic networks</p> <p>Influence</p> | <p>Humans employ technology to work more efficiently</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> <li>-What technology is</li> <li>-Simple machines</li> <li>-Why they are used</li> <li>-Technology changes over time</li> </ul> <p>Key Concepts</p> <ul style="list-style-type: none"> <li>-Form</li> <li>-Function</li> <li>-Change</li> </ul> <p>Related Concepts</p> <ul style="list-style-type: none"> <li>-Variations</li> <li>-Systems</li> <li>-Movements</li> <li>-Structure</li> </ul> | <p>Economic systems are structured to meet the needs and wants of different societies</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> <li>-How societies make decisions</li> <li>-How does where you live affect who you are</li> <li>-How communities decide how to provide their people with what they need and want</li> </ul> <p>Key Concepts</p> <ul style="list-style-type: none"> <li>-Causation</li> <li>-Responsibility</li> <li>-Form</li> </ul> <p>Related Concepts</p> <ul style="list-style-type: none"> <li>-Distribution</li> <li>- Structure</li> <li>-Systems</li> </ul> | <p>5th Grade Exhibition</p> <p>Central idea TBD</p> <p>Lines of Inquiry</p> <p>TBD by students/teacher</p> <p>Key Concepts</p> <p>TBD</p> <p>Related Concepts</p> <p>TBD</p> |