

Grade	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
	<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 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.</i>
PS 3's	<p>Making connections with people and places helps us understand ourselves</p> <p><u>Concepts:</u> Connection, Causation, Change <u>Related Concepts:</u> Identity, Growth, Impact <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • Ways in which we are similar and different • How we adapt to our school environment • How our behaviors affect our relationships 		<p>Words and pictures connect us to ideas and feelings</p> <p><u>Concepts:</u> Form, Perspective, Reflection <u>Related Concepts:</u> Communicator, Open minded, Risk taker <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • Reading (literacy) comes in many forms • How words and pictures convey meaning • Words and pictures express various point of view 	<p>Movement causes change</p> <p><u>Concepts:</u> Causation, Function, Change <u>Related Concepts:</u> Consequences, Pattern Behavior <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • Things that move • How things move • Results of movement 		<p>People and animals impact each other</p> <p><u>Concepts:</u> Form, Connection, Responsibility <u>Related Concepts:</u> Characteristics, Relationships, Appreciation <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • Types of animals • The roles animals play in people's lives • Our responsibility towards animals
PS 4's	<p>Families display unique characteristics</p> <p><u>Concepts:</u> Form, Change, Responsibility <u>Related Concepts:</u> Similarities and Differences, Growth, Citizenship, Adaptation <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • What makes a family • Roles and responsibilities within a family • How families are similar and different 		<p>We communicate in many ways to learn about and express ideas and feelings</p> <p><u>Concepts:</u> Causation, Perspective, Responsibility <u>Related Concepts:</u> Consequence, Truth, Citizenship <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • How we use communication to help solve problems • Expressing our feelings and ideas • Listening and respecting others 	<p>Living things grow and change over time</p> <p><u>Concepts:</u> Form, Change, Causation <u>Related Concepts:</u> Cycles, Relationships, Transformation <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • The life cycles of plants, animals and insects • The effect of seasons on living things • The needs of plants, animals and insects at different stages • The characteristics of living things 	<p>People serve in different roles to meet the needs of a community</p> <p><u>Concepts:</u> Connection, reflection, responsibility <u>Related Concepts:</u> <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • The concept of community • Specific needs of people in a community • Roles of people in a community • When to call on community helpers 	

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K	<p>Friendships require care to develop and grow</p> <p><u>Concepts:</u> Causation, Responsibility <u>Related Concepts:</u> Consequences, Values <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • Why we need friends • How multiple friends are made and kept • Behaviors that develop healthy relationships 	<p>Traditions connect us to our past</p> <p><u>Concepts:</u> Causation, Perspective <u>Related Concepts:</u> <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • Identifying traditions • How traditions are shared • Traditions in families and other groups 	<p>Observation and data organization help us explain and describe the world around us</p> <p><u>Concepts:</u> Change, Reflection <u>Related Concepts:</u> Growth, Evidence <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • How we collect data about our surroundings • Organizing information • Different ways to share information about our observations 	<p>Simple machines impact our lives</p> <p><u>Concepts:</u> Form, Function, Causation <u>Related Concepts:</u> Properties, Systems, Consequences <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • The types of simple machines • How simple machines work • The use of simple machines 	<p>We are part of many interrelated communities</p> <p><u>Concepts:</u> Form, Connection <u>Related Concepts:</u> Structure, Relationships <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • How our addresses connect us to a wider community • The relationship between our community, our larger, unique state and the wider world • Why we have communities 	<p>Living things are suited to their environment</p> <p><u>Concepts:</u> Connection, Change, Function <u>Related Concepts:</u> <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • How geographic location determines environmental characteristics • How plants and animals have different characteristics based on their geographic origins • How humans adapt to their environment
1	<p>Our family histories influence and define who we are</p> <p><u>Concepts:</u> Connection, Causation <u>Related Concepts:</u> Relationships, Impact <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • How understanding my history helps me understand myself • Organizing generational connections • Interests and characteristics I share with my family members 	<p>Available resources change over time and change the way we live</p> <p><u>Concepts:</u> Change, Causation <u>Related Concepts:</u> Transformation, Impact <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • How people have provided for food, clothing, and shelter over time • The impact of technology on the availability of resources • How economic differences affect our access to resources 	<p>Our brains organize the way we experience the world</p> <p><u>Concepts:</u> Function, Form <u>Related Concepts:</u> Role, Properties <u>Lines of inquiry:</u></p> <ul style="list-style-type: none"> • Our brain • How we learn through our brain • Our mindsets impact the way we do things 	<p>Knowledge of animals' similarities and differences helps us appreciate and sustain them</p> <p><u>Concepts:</u> Form, Connection <u>Related Concepts:</u> Structure, Systems <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • The classification of animals • The discovery of animal characteristics • How human action affects animals 	<p>We work together to make things people use</p> <p><u>Concepts:</u> Form, Function, Connection <u>Related Concepts:</u> Structure, Systems, Interdependence <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • The difference between wants and needs • How we use what we produce • Systems for production, marketing, delivery and purchase of goods and services 	<p>Access to food varies</p> <p><u>Concepts:</u> Responsibility, Causation <u>Related Concepts:</u> Initiative, Impact <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • Why food availability varies • Factors that impact access to food • How food distribution can be made more equitable

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2	<p>Appreciating our own and others' cultures helps us communicate</p> <p><u>Concepts:</u> Perspective, Reflection, Connection <u>Related Concepts:</u> <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> Greetings, gestures, customs, and manners around the world How we share our own culture with others How our knowledge of other cultures affects our ability to communicate 	<p>The world can be represented in a variety of ways</p> <p><u>Concepts:</u> Function, Connection, Perspective <u>Related Concepts:</u> Systems, Networks, Subjectivity <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> Maps give us information and perspectives about our world Different tools help us understand geography The geography of our country and the world 	<p>Music affects us in many ways</p> <p><u>Concepts:</u> Reflection, Causation, Perspective <u>Related Concepts:</u> <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> What defines music The science of music and sound How we use music as a form of expression 	<p>Changing weather and seasons affect life</p> <p><u>Concepts:</u> Causation, Change, Connection <u>Related Concepts:</u> Impact, Adaptation, Systems <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> Climate and weather The relationship between weather and seasons How weather and climate impact human activity 	<p>Communication and transportation connect societies</p> <p><u>Concepts:</u> Form, Function, Connection <u>Related Concepts:</u> Structure, Systems, Networks <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> Transportation systems Communication systems How communication and transportation systems continue to change the way we are connected 	<p>People can establish practices to sustain the Earth's resources</p> <p><u>Concepts:</u> Responsibility, Change, Reflection <u>Related Concepts:</u> <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> How the Earth's resources provide essential materials for our daily living Renewable and non-renewable resources Our responsibility to conserve our Earth's resources
3	<p>Understanding how body systems work impacts personal choices</p> <p><u>Concepts:</u> Function, Causation, Reflection <u>Related Concepts:</u> Systems, Consequences, Behavior <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> Understanding body systems The inter-relationship between our body systems How personal choices affect our body systems 	<p>Exploration leads to discovery and develops new understandings</p> <p><u>Concepts:</u> Perspective; Connection Causation <u>Related Concepts:</u> subjectivity, impact, discovery, exploration, history, chronology <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> Attributes of explorers Why people explore How explorations have changed our thinking 	<p>Creativity and imagination allow for communication and problem solving</p> <p><u>Concepts:</u> Reflection, Form <u>Related Concepts:</u> <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> Forms of creative expression The creative process How the creative expressions of others inspire our own creativity 	<p>Earth is part of a complex universe</p> <p><u>Concepts:</u> Connection, Form, Change, <u>Related Concepts:</u> Systems, Structures, Growth, Transformation <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> The composition of the universe The natural laws that govern our universe How space technology has impacted society 	<p>Communities organize themselves to fulfill societal needs</p> <p><u>Concepts:</u> Connection, Responsibility, Change <u>Related Concepts:</u> Relationships, Values, Initiative, Transformation <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> Types of organizations Individual's responsibilities to society Group decision-making 	<p>Nature relies on maintaining the balance of systems</p> <p><u>Concepts:</u> Connection, Responsibility, <u>Related Concepts:</u> Systems, Relationships, Citizenship, Rights <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> Characteristics of biomes The interdependence and diversity within and between biomes Human impact on the balance of systems

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4	<p>Our characteristics are determined by our biological ancestry</p> <p><u>Concepts:</u> Form, Function, Responsibility <u>Related Concepts:</u> <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> The different parts and functions of cells The relationship between traits and heredity The impact of scientific research 	<p>Understanding history gives us perspective</p> <p><u>Concepts:</u> Change, Causation, Perspective <u>Related Concepts:</u> history, dependence, conflict <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> Why do we study history? Who were the early settlers and why did they settle in Maryland? What were some issues between the settlers and the original inhabitants that had both positive and negative impacts in their relationship? How do points of view (perspective) differ in recorded history? 	<p>People express beliefs and values in different ways</p> <p><u>Concepts:</u> Connection, Change, Reflection <u>Related Concepts:</u> Diversity, Prejudice, Traditions, Conflict <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> What it means to be indigenous How indigenous people express beliefs and values The struggle of indigenous people to maintain their beliefs and values in a changing world How can we be more understanding 	<p>The physical laws of forces and motion affect objects</p> <p><u>Concepts:</u> Form, Function, Causation <u>Related Concepts:</u> <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> The laws of motion What and how forces in our world impact everyday lives The application of the scientific method 	<p>People create governments to organize themselves</p> <p><u>Concepts:</u> Function, Connection, Reflection <u>Related Concepts:</u> Systems, Relationships Interpretation <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> Types of world governments The structure of our own government and the formative documents Understand how governments work together for a better world 	<p>Human decisions are interrelated with the Earth's changing surface and climate.</p> <p><u>Concepts:</u> Form, Change, Responsibility <u>Related Concepts:</u> initiative, transformation, structure <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> The forces of nature that affect the Earth's surface and atmosphere The impact of human decisions on the surfaces and atmosphere of the earth The consequences of human decision-making on sharing the planet
5	<p>Understanding our brains helps us reflect on who we are, prepare for future changes, and identify how we learn best</p> <p><u>Concepts</u> Reflection, Function, Change, Connection <u>Lines of Inquiry</u></p> <ul style="list-style-type: none"> Understanding the structure of the brain Understanding how the brain helps us learn Connecting our understanding of how the brain works to our 	<p>Migration is a response to challenges, risks, and opportunities</p> <p><u>Concepts:</u> Perspective, Connection, Causation <u>Related Concepts:</u> Prejudice, Interdependence, Impact, Consequences <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> The causes of migration Challenges and opportunities of migration The impact of human migration on societies 	<p>Media influences our world</p> <p><u>Concepts:</u> Causation, Function, Perspective <u>Related Concepts:</u> Consequences, Patterns, Communication, Opinion, Prejudice <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> Different forms of media The impact of media Making informed choices 	<p>The world is made up of matter and energy</p> <p><u>Concepts:</u> Form, Causation, Change <u>Related Concepts:</u> Properties, Structures, Impact, Transformation <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> Properties and attributes of matter Energy How matter changes 	<p>Decisions about money affect everyday lives</p> <p><u>Concepts:</u> Form, Responsibility, Causation <u>Related Concepts:</u> Structure, Initiative, Motivation <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> Personal finance systems What influences financial outcomes Financial consequences of personal decision-making 	<p>Water is essential to life</p> <p><u>Concepts:</u> Responsibility, Function, Connection <u>Related Concepts:</u> Initiative, Pattern or role, Interdependence <u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> The water cycle Water availability and distribution Human responsibility for water management

	own learning styles					
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6	<p><i>Living things adapt and evolve to survive</i></p> <p><u>Concepts</u> Causation, Change, Form, Function</p> <p><u>Lines of Inquiry</u></p> <ul style="list-style-type: none"> • How living things adapt to their environment • Why living things evolve • How living things evolve 	<p><i>Present day societies are impacted by what we know about past civilizations</i></p> <p><u>Concepts</u> Connection, Perspective, Reflection</p> <p><u>Lines of Inquiry</u></p> <ul style="list-style-type: none"> • Characteristics of civilizations • How we know about past civilizations • Enduring impacts of past civilizations 	<p><i>Exhibition</i> <i>Students engage in a collaborative, transdisciplinary inquiry process that involves them working in a group to identify, investigate and offer solutions to real-life issues or problems</i></p>	<p><i>How we represent human and physical features impacts our understanding of the world</i></p> <p><u>Concepts</u> Connection, Form, Function, Perspective</p> <p><u>Lines of Inquiry</u></p> <ul style="list-style-type: none"> • How we learn and share knowledge about the earth’s physical features • The earth’s land, bodies of water, atmosphere, and living beings are interconnected • Physical features of the earth impact human culture and history 	<p><i>Protest movements change our world</i></p> <p><u>Concepts</u> Change, Perspective, Reflection, Responsibility</p> <p><u>Lines of Inquiry</u></p> <ul style="list-style-type: none"> • Reasons for protests • Types of protest movements • Impacts of protest movements 	<p><i>The way we harness and use energy influences the planet and our lives</i></p> <p><u>Concepts</u> Responsibility, Causation, Form</p> <p><u>Lines of Inquiry</u></p> <ul style="list-style-type: none"> • Forms of energy • How we harness energy • Conservation of energy