

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><u>Independence</u> We can do many things by ourselves but we need help with other activities</p> <p><u>Concepts:</u> Function, Causation, Change</p> <p><u>Related Concepts:</u> Pattern, consequence, adaptation/growth</p> <p><u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • How we can be independent • How we adapt to our school environment • Learning how and when to ask for help 		<p><u>Literacy</u> We read for many reasons</p> <p><u>Concepts:</u> Form, Perspective, Reflection</p> <p><u>Related Concepts:</u></p> <p><u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • How words and pictures convey meaning • Parts of a book • The reasons we read 	<p><u>Things Move</u> Things move for different reasons and in different ways</p> <p><u>Concepts:</u> Causation, Function</p> <p><u>Related Concepts:</u> Consequences, Pattern Behavior</p> <p><u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • Objects that move • What makes objects move • Ways objects move 		<p><u>Sharing</u> Our behaviors can lead to sharing and peaceful interactions</p> <p><u>Concepts:</u> Perspective, Causation, Responsibility</p> <p><u>Related Concepts:</u> Subjectivity, Consequences, Citizenship</p> <p><u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • My behaviors • How my behavior affects others • My responsibility to share
PS 4's	<p><u>Families</u> Families display unique characteristics</p> <p><u>Concepts:</u> Form, Change, Responsibility</p> <p><u>Related Concepts:</u> Similarities and Differences, Growth, Citizenship, Adaptation</p> <p><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><u>Communication</u> We communicate in many ways to learn about and express ideas and feelings</p> <p><u>Concepts:</u> Causation, Perspective, Responsibility</p> <p><u>Related Concepts:</u> Consequence, Truth, Citizenship</p> <p><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><u>Cycles</u> Living things go through a process of change</p> <p><u>Concepts:</u> Form, Change, Causation</p> <p><u>Related Concepts:</u></p> <p><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 life cycles • The needs of plants, animals and insects at different stages 	<p><u>Community Helpers</u> People serve in different roles to meet the needs of a community</p> <p><u>Concepts:</u> Connection, reflection, responsibility</p> <p><u>Related Concepts:</u></p> <p><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><u>Friendships</u> Friendships require care to develop and grow</p> <p><u>Concepts:</u> Causation, Responsibility</p> <p><u>Related Concepts:</u> Consequences, Values</p> <p><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><u>Traditions</u> Traditions connect us to our past</p> <p><u>Concepts:</u> Causation, Perspective</p> <p><u>Related Concepts:</u></p> <p><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><u>Observations</u> Observation and data organization help us explain and describe the world around us</p> <p><u>Concepts:</u> Change, Reflection</p> <p><u>Related Concepts:</u> Growth, Evidence</p> <p><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><u>Simple Machines</u> Simple machines impact our lives</p> <p><u>Concepts:</u> Form , Function, Causation</p> <p><u>Related Concepts:</u> Properties, Systems, Consequences</p> <p><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><u>Community</u> We are part of many interrelated communities</p> <p><u>Concepts:</u> Form, Connection</p> <p><u>Related Concepts:</u> Structure, Relationships</p> <p><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><u>Habitats</u> Living things are suited to their environment</p> <p><u>Concepts:</u> Connection, Change, Function</p> <p><u>Related Concepts:</u></p> <p><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><u>Senses</u> Humans use senses to explore the world</p> <p><u>Concepts:</u> Function, Form</p> <p><u>Related Concepts:</u> Role, Properties</p> <p><u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • Our senses • What we learn through our senses • Learning to appreciate the value of our senses 	<p><u>Available Resources</u> Available resources over time have changed the way we live</p> <p><u>Concepts:</u> Change, Causation</p> <p><u>Related Concepts:</u> Transformation, Impact</p> <p><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><u>Cultures</u> Appreciating our own and others' cultures helps us communicate</p> <p><u>Concepts:</u> Perspective, Reflection, Connection</p> <p><u>Related Concepts:</u></p> <p><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><u>Animals</u> Knowledge of animals' similarities and differences helps us appreciate and sustain them</p> <p><u>Concepts:</u> Form, Connection</p> <p><u>Related Concepts:</u> Structure, Systems</p> <p><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><u>Producers & Consumers</u> We work together to make things people use</p> <p><u>Concepts:</u> Form, Function, Connection</p> <p><u>Related Concepts:</u> Structure, Systems, Interdependence</p> <p><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><u>Food</u> Access to food varies</p> <p><u>Concepts:</u> Responsibility, Causation</p> <p><u>Related Concepts:</u> Initiative Impact</p> <p><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><u>Family Histories</u> Our family histories influence and define who we are</p> <p><u>Concepts:</u> Connection, Causation</p> <p><u>Related Concepts:</u> Relationships, Impact</p> <p><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><u>Maps</u> Maps give us information and perspective about our world</p> <p><u>Concepts:</u> Function, Connection, Perspective</p> <p><u>Related Concepts:</u> Systems, Networks, Subjectivity</p> <p><u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> How to read and interpret maps Different types of maps The geography of our country and the world 	<p><u>Sound and Music</u> Music affects us in many ways</p> <p><u>Concepts:</u> Reflection, Causation, Perspective</p> <p><u>Related Concepts:</u></p> <p><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><u>Climate and Weather</u> The changing weather and seasons affect our daily lives</p> <p><u>Concepts:</u> Causation, Change, Connection</p> <p><u>Related Concepts:</u> Impact, Adaptation, Systems</p> <p><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><u>Communication & Transportation</u> Communication and transportation systems connect societies</p> <p><u>Concepts:</u> Form, Function, Connection</p> <p><u>Related Concepts:</u> Structure, Systems, Networks</p> <p><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><u>Earth's Resources</u> People can establish practices to sustain the Earth's resources</p> <p><u>Concepts:</u> Responsibility, Change, Reflection</p> <p><u>Related Concepts:</u></p> <p><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><u>Healthy Bodies</u> Understanding how our bodies work helps us to stay healthy</p> <p><u>Concepts:</u> Function, Causation, Reflection</p> <p><u>Related Concepts:</u> Systems, Consequences, Behavior</p> <p><u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> The inter-relationship between our body's systems How nutrition affects our bodies How personal choices affect our body's systems 	<p><u>Exploration</u> Exploration leads to discovery and develops new understandings</p> <p><u>Concepts:</u> Perspective; Connection Causation</p> <p><u>Related Concepts:</u> subjectivity, impact, discovery, exploration, history, chronology</p> <p><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><u>Creative Expression</u> Creative expression allows us to use our imagination to inform and entertain</p> <p><u>Concepts:</u> Reflection, Form</p> <p><u>Related Concepts:</u></p> <p><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><u>Look Up!</u> Earth is part of a complex universe</p> <p><u>Concepts:</u> Connection, Form, Change,</p> <p><u>Related Concepts:</u> Systems, Structures, Growth, Transformation</p> <p><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><u>Societal Needs</u> People organize themselves to fulfill societal needs</p> <p><u>Concepts:</u> Connection, Responsibility, Change</p> <p><u>Related Concepts:</u> Relationships, Values, Initiative, Transformation</p> <p><u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> Types of organizations Individual's responsibilities to society Group decision-making 	<p><u>Biodiversity</u> Biodiversity relies on maintaining the balance of systems</p> <p><u>Concepts:</u> Connection, Responsibility,</p> <p><u>Related Concepts:</u> Systems, Relationships, Citizenship, Rights</p> <p><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><u>Cells</u> Our characteristics are determined by our biological ancestry <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><u>Maryland</u> Understanding history gives us perspective <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"> The early history of our region Relationships between our region's early settlers and original inhabitants Points of view in historical accounts 	<p><u>Indigenous Peoples</u> Indigenous peoples express beliefs and values in different ways <u>Concepts:</u> Perspective, Connection, Change <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 	<p><u>Forces</u> The physical laws of forces and motion affect objects <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 work in our world The application of the scientific method 	<p><u>Shaping a Nation</u> People create governments to organize themselves <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 governments Understanding a country's formative documents The structure of our own government 	<p><u>Living Earth</u> Human decisions impact the earth's changing surface and climate. <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><u>Exhibition</u> Through the exhibition unit, students are required to engage in a collaborative, trans-disciplinary inquiry process that involves them in identifying, investigating and offering solutions to real-life issues or problems.</p>	<p><u>Migration</u> Human migration is a response to challenges, risks and opportunities <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 human migration Personal challenges and/or opportunities of migration The impact of human migration on societies 	<p><u>Media</u> Media influences our behavior and our choices <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 Influencing others Making informed choices 	<p><u>Matter</u> Matter and energy comprise our physical world <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><u>Personal Finance</u> Individuals participate in economic systems <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><u>Water</u> Water is essential to life <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