

An Inquiry into:	An Inquiry into:	An Inquiry into:	An Inquiry into:	An Inquiry into:	An Inquiry into:
<p>Who we are: 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.</p>	<p>Where we are in place and time: 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.</p>	<p>How we express ourselves: 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.</p>	<p>How the world works: 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.</p>	<p>How we organize ourselves: 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.</p>	<p>Sharing the planet: 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.</p>
<p>My New School Central Idea: People agree to follow rules in different settings. Along the way, there are adults who help us. Key Concepts: causation, responsibility, reflection Related Concepts: rules, school community Lines of Inquiry:</p> <ul style="list-style-type: none"> • Learning about our new school, our role as a learner and who is there to help me. • Creating, understanding and following our Essential Agreements • How do I fit into our classroom community? 		<p>This is my flag! This is your flag! Central Idea: Symbols show what is important to the people in a country. Key Concepts: form, function Related Concepts: American symbols, international flags Lines of Inquiry:</p> <ul style="list-style-type: none"> • National symbols from host country. • The meaning of the national symbols. • Correlations between international symbols. 	<p>Push-Pull- Go Central Idea: Force causes motion, and systems can be created to control or use those forces. Key Concepts: function, causation, connection Related Concepts: mechanical systems, force, motion Lines of Inquiry:</p> <ul style="list-style-type: none"> • Force creates or changes motion. • Mechanical systems are created to control forces and motion. • Systems are designed, tested, and modified. 		<p>Math Workshop Central Idea: Sharing resources is necessary because there isn't enough for everyone.. Key Concepts: responsibility, connection, reflection Related Concepts: Introduction of math materials, rules, student role in community of learners Lines of Inquiry:</p> <ul style="list-style-type: none"> • How we share resources • What to do when there isn't enough for everyone • Choices individuals make to share
<p>Happy and Healthy Central Idea: Our choices can lead to a safe and healthy life and body. Key Concepts: causation, responsibility, function Related Concepts: Lines of Inquiry:</p> <ul style="list-style-type: none"> • Safety and injury prevention • Diseases, illness, wellness • Bodies are growing 	<p>The Rest is History Central Idea: Both people and countries have a past that make them who they are. Key Concepts: form, causation, connection Related Concepts: Lines of Inquiry:</p> <ul style="list-style-type: none"> • Pilgrims have many reasons for choosing to take a voyage to a new land. • A pilgrim has many characteristics that make them who they are. • Cultures can be compared through festivals and traditions. 	<p>Character Counts Central Idea: <i>There are many ways to develop, express, and recognize positive attributes within oneself and others.</i> Key Concepts: perspective, reflection and causation Related Concepts: emotional health, behavior, consequences/impact Lines of Inquiry:</p> <ul style="list-style-type: none"> • <i>Positive character impacts your daily life.</i> • <i>There are appropriate ways to express our feelings.</i> • <i>Expression of one's feelings has an impact upon others.</i> 	<p>Cloudy With a Chance of Central Idea: Weather variations impact people's lives around the world. Key Concepts: form, function, change Related Concepts: Lines of Inquiry:</p> <ul style="list-style-type: none"> • Weather can change. • There are similarities and differences in types of weather around the world. • Collecting data on weather develops understanding of weather patterns. 	<p>We Belong Central Idea: We are members of many communities, and responsibilities come with membership in each group. Key Concepts: function, responsibility, causation Related Concepts: Lines of Inquiry:</p> <ul style="list-style-type: none"> • It is important to be responsible to the communities (groups) to which one belongs: our families, our school, our community, our world. • The choices one makes can impact the harmony of a group • It is important to explore how rules, responsibilities, and laws can vary from one culture to another 	<p>Getting to the Root of It All Central Idea: Sharing resources is necessary because there isn't enough for everyone. Key Concepts: connection, responsibility, reflection Related Concepts: Lines of Inquiry:</p> <ul style="list-style-type: none"> • Living things have essential needs that must be met in order to survive in their specific habitat. • Plants have many parts, each with a specific function. • Plants follow a cycle of growth and development. • Plants and people are interdependent.
<p>Healthy Choices Central Idea: In order to be balanced, people must learn how to make informed decisions about their physical, emotional & social health. Key Concepts: perspective, responsibility, reflection Related Concepts: Lines of Inquiry:</p> <ul style="list-style-type: none"> • The decisions people make to keep themselves healthy physically, emotionally, and socially • How people and systems use essential agreements to keep themselves safe and organized • The effects of our choices on ourselves and others 	<p>Pioneers Central Idea: Around the world pioneers of the past and present have taken risks to explore, invent, and migrate. Key Concepts: form, causation, perspective Related Concepts: Lines of Inquiry:</p> <ul style="list-style-type: none"> • What it means to be a pioneer: the importance of taking risks and learning from mistakes • How exploration, invention and migration positively and negatively impact the world • The reasons why people (and animals) migrate • How the change of geography and the evolution of natural resources sustains pioneers in different time periods 	<p>Once Upon a Time Central Idea: Countries all over the world use fairy tales and folk tales to tell about the different ways people live. Key Concepts: form, connection, reflection Related Concepts: Lines of Inquiry:</p> <ul style="list-style-type: none"> • The ideas and lessons expressed through fairy tales and folk tales • What makes a fairy tale and folktale different than other types of literature • The similarities and differences between folk tales and fairy tales from different cultures • Fairy tale and folk tale characters take actions to show different learner profile words 	<p>Changes Central Idea: Matter is all around us and can change from one state to another through physical and chemical reactions. Key Concepts: change, causation, function Related Concepts: Lines of Inquiry:</p> <ul style="list-style-type: none"> • the states of matter – solid, liquids & gases • the properties of matter which include: color, size, shape, odor, texture, weight & temperature • how chemical and physical reactions change materials over time • how mixtures and solutions are created and separated 	<p>Japan Central Idea: There are universal ways to explore the similarities and differences between countries and their cultures. Key Concepts: connection, function, perspective Related Concepts: Lines of Inquiry:</p> <ul style="list-style-type: none"> • how physical geography and environmental factors impact human & economic systems • the components of culture & how they are similar and different among countries • the comparison of Japanese and US systems of organization • Conflict and cooperation among groups can impact the history and settlement of a country. 	<p>Life Cycles Central Idea: All living things have a life cycle and habitat that can be impacted by humans and our environment Key Concepts: change, responsibility, connection Related Concepts: Lines of Inquiry:</p> <ul style="list-style-type: none"> • The phases in the life cycle of butterflies and other living organisms • The impact of human and environmental factors on life cycles and habitats • How living things interact and impact one another • Why some animals are endangered or extinct

<p>3 We All Need a Little Support Central Idea: The human body is a complex system of many interdependent parts. Key Concepts: function, connection, responsibility Related Concepts: Lines of Inquiry:</p> <ul style="list-style-type: none"> • Muscular & skeletal structures of the human body • Comparison of skeletal systems of vertebrates • Making decisions to strengthen & care for our muscular & skeletal systems 	<p>Pittsburgh Central Idea: Geographic locations, natural resources and historical events have influenced the ways communities are formed. Key Concepts: reflection, change, causation Related Concepts: Lines of Inquiry:</p> <ul style="list-style-type: none"> • How geographic location and natural resources affect an area's development • Cultural characteristics shape tradition • How immigration impacts an area's development • The study of artifacts helps members of a community understand the past and make connections to the future. 	<p>Country Study Central Idea: Common themes can be found among countries throughout the world that help us understand and appreciate our similarities. Key Concepts: connection, perspective, reflection Related Concepts: Lines of Inquiry:</p> <ul style="list-style-type: none"> • Government: how the government system works • Culture (food and recreation): how a country participates in recreational activities to promote muscular health. What types of foods are available to people in other countries • Geography: where a country is located and the landforms in that country • Economic: The interdependence of the global economy (imports/exports) 	<p>Rocks and Minerals Central Idea: As the building blocks of civilization, rocks and minerals are found everywhere on Earth and are used by people in a variety of ways. Key Concepts: connection, change, causation Related Concepts: Lines of Inquiry:</p> <ul style="list-style-type: none"> • Rocks are the oldest things on earth, yet are constantly changing with time • How rocks & minerals are formed • Categorization & classification of rocks & minerals • How are rocks/minerals used by people in varying environments 	<p>Government Central Idea: Countries establish governments, which are organized to help them function in a global society. Key Concepts: function, responsibility, perspective Related Concepts: Lines of Inquiry:</p> <ul style="list-style-type: none"> • How and why government systems are established • Analysis of how government systems work and continue to evolve based on the needs of people. • Exploration of government systems in various countries 	<p>Economics Central Idea: Economics impacts everyone, everywhere. Key Concepts: form, function, connection Related Concepts: Lines of Inquiry:</p> <ul style="list-style-type: none"> • The need for economic balance • The factors that influence supply and demand for goods and services • How consumers can make informed choices • The interdependence of the global economy
<p>4 Inquiry Exhibition Central Idea: The community honors those who serve. Key Concepts: Perspective, connection, responsibility Related Concepts: Lines of Inquiry:</p> <ul style="list-style-type: none"> • Ways the organization supports veterans • How the organization works with family members and other organizations to support veterans • People can contribute and do their part to helping to solve problems veterans face. 	<p>Canada/Mexico Central Idea: Understanding different cultures helps people become global citizens. Key Concepts: causation, perspective, reflection Related Concepts: Lines of Inquiry:</p> <ul style="list-style-type: none"> • History of Canada and Mexico • Why people settle in certain areas (land and resources) • Compare and contrast cultures across North America 	<p>Problem Solving Central Idea: Problem solving skills are essential to success. Key Concepts: causation, function, reflection Related Concepts: Lines of Inquiry:</p> <ul style="list-style-type: none"> • Looking closely helps us solve problems. • Understanding connective systems (parts, people, interactions, perspectives) • Reflection promotes change. 	<p>Motion and Design Central Idea: The scientific principles of motion helps make sense of the physical world. Key Concepts: function, connection, reflection Related Concepts: Lines of Inquiry:</p> <ul style="list-style-type: none"> • Laws of motion • Analyzing motion through the scientific method • Evaluating design features • The relationship between motion and design 	<p>Electric Circuits Central Idea: Energy exists in different forms and is generated, stored, and used by people which enables us to make more informed decisions about traditional and alternative energy sources. Key Concepts: form, causation, perspective Related Concepts: Lines of Inquiry:</p> <ul style="list-style-type: none"> • Forms of energy • The properties of electricity and electric circuits • Traditional/Alternative energy sources 	<p>Land and Water Central Idea: Land and water interact to shape the planet. Key Concepts: change, connection, causation Related Concepts: cycles, transformation Lines of Inquiry:</p> <ul style="list-style-type: none"> • Water transforms land • How land impacts water • People working together to solve problems related to water access, pollution, and conservation