

	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.	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.	Where We Are in Place & 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.	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.	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.	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
PRE-SCHOOL (Preschool completes 4 units each school year)	<p>Central Idea As I grow and change, I discover new things about who I am and what I can do.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • what I can do / Who am I? • my relationship with others • the ways that I change <p>Key Concepts Form, Connection, Change</p>			<p>Central Idea People use different materials and in different ways and for different purposes.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Different building materials and their properties • The structure of buildings, towers and bridges • The materials and shapes used in making different stable, weight bearing structures <p>Key Concepts Form, Function, Causations</p>	<p>Central Idea Many factors affect how things change and grow</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Choices have consequences • How living things change and grow • Our responsibility towards living things <p>Key Concepts Responsibility, Change, Causation</p>	<p>Central Idea People express themselves in different ways.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • expression of ideas and feelings • the ways materials can be used • different likes, dislikes, feelings, and opinions <p>Key Concepts Form, Perspective, Function</p>
Kindergarten	<p>Central Idea The choices we make affect other people</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Our responsibilities in relationships • Fair and peaceful ways of sharing • The consequences of our actions <p>Key Concepts</p>			<p>Central Idea Scientists follow a method to learn new things.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Why scientists conduct experiments • How scientists conduct and record experiments (scientific method) 	<p>Central Idea Individual actions make a difference to living things.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • the needs and characteristics of living things • the connection between living things and the environment • the responsibility of 	<p>Central Idea <i>People express themselves in different ways.</i></p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • the ways we express ourselves • different expressions • what makes individuals unique. <p>Key Concepts Form, Perspective, Connection</p>

	Causation, Responsibility, Perspective			<ul style="list-style-type: none"> How scientists reflect on the results of an experiment Key Concepts Function, Change	individuals towards living things Key Concepts Form, Connection, Responsibility	
Grade 1	Central Idea <i>Groups of people work together in different ways to achieve common goals</i> Lines of Inquiry <ul style="list-style-type: none"> Common goals within communities How we work together to reach common goals Responsibilities and consequences for members within a group Key Concepts Responsibility, Connection,	Central Idea People develop systems and processes to get the food they need and want. Lines of Inquiry <ul style="list-style-type: none"> where food comes from stages foods go through before we eat them how the food we eat impacts our health and our environment Key Concepts Responsibility, Causation, Change	Central Idea Humans create and change things to improve their daily lives. Lines of Inquiry <ul style="list-style-type: none"> products/innovations in our daily lives why people create and or innovate how and why have innovations changed over time Key Concepts Form, Causation, Change	Central Idea The solar system has many patterns and connections that affect life on Earth. Lines of Inquiry <ul style="list-style-type: none"> the position and characteristics of objects in our solar system (planets, stars, moon etc.) the cycles of the Earth, Sun, and Moon and how they affect life. (Day/night, seasons, years tides, moon phases etc.) how scientists can apply their understanding to new situations Key Concepts Form, Causation, Connection	Central Idea Plants are complex living things that interact with the environment around them. Lines of Inquiry <ul style="list-style-type: none"> How plants grow Features of plants How plants interact with their environment The scientific process Key Concepts Function, Connection, Reflection	Central Idea A powerful story engages the audience, communicates meaning, and invites a response. Lines of Inquiry <ul style="list-style-type: none"> Why people tell stories How people tell stories The stories that speak to us How people communicate using light and sound Key Concepts Function, Perspective
Grade 2	Central Idea The choices people make affect their health and well-being. Lines of Inquiry <ul style="list-style-type: none"> balanced lifestyle our responsibilities to make good choices for our health the consequences of our choices Key Concepts Perspective, Responsibility, Causation	Central Idea People work together to develop systems that create well-functioning communities. Lines of Inquiry <ul style="list-style-type: none"> Needs, wants, goods, and services (form) How communities meet the needs and wants of their members (function) How systems are connected (connection) Key Concepts Form, Function, Connection	Central Idea Exploring how people lived throughout history can help us understand the way life changes. Lines of Inquiry <ul style="list-style-type: none"> homes and daily life in the past/present changes to homes and daily life over time how your home affects your daily life Key Concepts Form, Change, Connection	Central Idea People apply and manipulate forces to solve problems in their everyday lives Lines of Inquiry <ul style="list-style-type: none"> forces and how they work simple machines as tools to manipulate forces how simple and compound machines impact our everyday lives Key Concepts Form, Function, Causation	Central Idea Water is vital to life on Earth and limited for many. Lines of Inquiry <ul style="list-style-type: none"> dependence on water (all living things need water to survive) (causation) freshwater limitations (location, systems, conflict, pollution) (causation) ways to conserve water (responsibility) Key Concepts Causation, Responsibility	Central Idea People use their creativity for different purposes. Lines of Inquiry <ul style="list-style-type: none"> the types of creative expression the purpose of creative expression the ways creative thinking can help us to solve problems Key Concepts Form, Change, Connection

<p>Grade 3</p>	<p>Central Idea The human body has many different systems working together to help us function.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> the body systems functions of the body systems connections between the body systems <p>Key Concepts Form, Function, Connection</p>	<p>Central Idea Societies make decisions that impact humankind and the environment.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> how different societies meet the needs of their people how our decisions impact humankind how our decisions impact the environment <p>Key Concepts Causation, Perspective, Responsibility</p>	<p>Central Idea Exploration may expand our perspective and understanding.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> why people explore how people record explorations how exploration expands our thinking <p>Key Concepts Perspective, Form, Function</p>	<p>Central Idea Humans observe the changing Earth and strive to understand it.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> the changing earth scientific theories the ways humans observe the earth's changes <p>Key Concepts Change, Causation, Form</p>	<p>Central Idea There is a relationship between the characteristics of living things and their environment.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> characteristics of living organisms (invertebrates/v ertebrates etc.) life cycles relationships among organisms <p>Key Concepts Form, Change, Connection</p>	<p>Central Idea <i>People use different forms of expression to reflect their uniqueness as human beings.</i></p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> the uniqueness of people and their self-expression how people express themselves how perspective shapes interpretation <p>Key Concepts Form, Function, Perspective</p>
<p>Grade 4</p> <p>Stand Alone Central Idea People use engineering and design thinking to make life better.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Finding problems with design Ways to solve problems with design How teams work together well <p>Key Concepts Form, Function, Responsibility</p>	<p>Central Idea Culture is a reflection of a people's beliefs and values.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> how geography impacts culture similarities and differences among cultures how perspectives may vary from culture to culture <p>Key Concepts Causation, Connection, Perspective</p>	<p>Central Idea Society develops systems to organize itself.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> different types of systems how different organizations operate how systems and/organizations change to meet the needs and wants of individuals and society <p>Key Concepts Form, Function, Change</p>	<p>Central Idea Human migration can involve challenges, risks and opportunities.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> the reasons for migration how migration impacts countries, cultures and individuals the multiple perspectives on migration <p>Key Concepts Causation, Change, Perspective</p>	<p>Central Idea Humans use energy to meet their needs and wants</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> different sources and types of energy (chemical, kinetic, potential, electricity) how energy is converted (energy chains) how people use energy <p>Key Concepts Form, Function, Change</p>	<p>Central Idea The choices humans make, when using and sharing natural resources, contribute to the state of our environment.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> how we use resources the connection between our use of resources and the environment informed choices that have a more positive effect on the environment <p>Key Concepts Form, Connection, Responsibility</p>	<p>Central Idea Effective communicators make informed choices when deciding on language and tools to express themselves.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> how our purpose affects our style of communication language and its importance within disciplines our responsibility to our audience when choosing language tools. <p>Key Concepts Causation, Connection, Responsibility</p>
<p>Grade 5</p>	<p>Central Idea People's interests, passions, and beliefs can inspire and sustain learning and motivate them to take action.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Identifying our passions and related issues 	<p>Central Idea Understanding how systems function enables people to make decisions about the use of resources.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> interconnectedness of local and global systems 	<p>Central Idea Interactions between different cultures can bring about change.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> how cultures influence each other (connection and change) 	<p>Central Idea Understanding the nature of matter allows us to transform it and use it.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> structures and properties of matter 	<p>Central Idea Living organisms are dependent on each other and non-living factors in their environment.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Causes of balance and imbalance 	<p>Central Idea (PYP Exhibition) People's interests, passions, and beliefs can inspire and sustain learning and motivate them to take action.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> the creative process

	<ul style="list-style-type: none"> • Planning for and conducting an inquiry • Synthesizing results for presentation • Planning future action based on reflection <p>Key Concepts form, function, causation, change, connection, perspective, responsibility, reflection (student chosen)</p>	<p>(food, natural resources, economy)</p> <ul style="list-style-type: none"> • inequity within systems (wealth/poverty, exploitation, gender inequality, child labor) • systems support decision making and problem solving <p>Key Concepts Responsibility, Connection, Perspective</p>	<ul style="list-style-type: none"> • how technologies impact culture (change) • cultural diffusion (perspective) <p>Key Concepts Connection, Change, Perspective</p>	<ul style="list-style-type: none"> • how matter can change <p>Key Concepts Form, Function, Change</p>	<p>within an ecosystem</p> <ul style="list-style-type: none"> • Interconnected elements of ecosystems • How energy is transferred within an ecosystem <p>Key Concepts Causation, Function, Connection</p>	<ul style="list-style-type: none"> • ways to connect to and engage our audience • communicating meaning in diverse ways <p>Key Concepts form, function, causation, change, connection, perspective, responsibility, reflection (student chosen)</p>
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****Note: 2020-2021 units are based upon 2019-2020 units and are subject to change****