

GRADE LEVEL	WHO WE ARE	HOW WE EXPRESS OURSELVES	WHERE WE ARE IN PLACE AND TIME	HOW WE ORGANIZE OURSELVES	HOW THE WORLD WORKS	SHARING THE PLANET
Nursery	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	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 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.	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 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.	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.
Central Idea:	Moving the body in different ways can help us to stay healthy.	The skills and talents we develop make us unique.		Family members can do things to make each other feel loved.		People and animals depend on each other for their needs.
Lines of Inquiry:	<ol style="list-style-type: none"> Parts of the body How the body moves Caring for the body 	<ol style="list-style-type: none"> Skills and talents Impact of feelings and values on talents Ways to develop talents 		<ol style="list-style-type: none"> Members of a family Roles of the family members How members interact with each other 		<ol style="list-style-type: none"> Animals and their characteristics How humans and animals help each other Caring for animals
Key Concepts:	<ul style="list-style-type: none"> Form Change Responsibility 	<ul style="list-style-type: none"> Form Causation Perspective 		<ul style="list-style-type: none"> Form Function Connection 		<ul style="list-style-type: none"> Form Connection Responsibility
Junior Kinder	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.	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 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.		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.	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.
Central Idea:	Friendships are developed and changed through our choices and behaviors	People can use creative ways to express ideas and communicate meaning.			Forces produces movements that are useful in our daily lives.	Plants sustain life on Earth and play a role in our lives
Lines of Inquiry:	<ol style="list-style-type: none"> How we develop friendship How choices and behavior affect friendship Roles and behaviors among friends 	<ol style="list-style-type: none"> Ways to express ideas Feelings and emotions that each creative expressions show What art creation can mean 			<ol style="list-style-type: none"> Types of forces How force and motion affect each other Uses of force in our daily lives. 	<ol style="list-style-type: none"> Caring for plants Products we get from plants How plants give life on Earth
Key Concepts:	<ul style="list-style-type: none"> Form Function Responsibility 	<ul style="list-style-type: none"> Form Perspective Connection 			<ul style="list-style-type: none"> Form Causation Function 	<ul style="list-style-type: none"> Responsibility Change Connection
Kinder	An inquiry into the nature of the self; beliefs and values; personal, physical, mental, social and spiritual health;	An inquiry into the ways in which we discover and express ideas, feelings, nature, culture, beliefs	An inquiry into orientation in place and time; personal histories; homes and journeys; the discoveries, explorations	An inquiry into the interconnectedness of human-made systems and communities; the structure and function		An inquiry into rights and responsibilities in the struggle to share finite resources with other people and with other living

	human relationships including families, friends, communities, and cultures; rights and responsibilities; what it means to be human	and values; the ways in which we reflect on, extend and enjoy our creativity; our appreciation of the aesthetic.	and migrations of humankind; the relationships between and the interconnectedness of individuals and civilizations, from local and global perspectives.	of organizations; societal decision-making; economic activities and their impact on humankind and the environment.		things; communities and the relationships within and between them; access to equal opportunities; peace and conflict resolution.
Central Idea:	Humans have responsibility to take care of their physical health	Materials can be used to express creativity.		Community can work together to help each other		People can choose practices in order to protect the Earth.
Lines of Inquiry:	<ol style="list-style-type: none"> 1. Characteristics of healthy human beings (form) 2. The impact of our choices on our body (causation) 3. Ways of taking care of the body (responsibility) 	<ol style="list-style-type: none"> 1. Characteristics of materials 2. How to use materials for expression 3. Changes that happens to materials 4. Meaning put in an art 		<ol style="list-style-type: none"> 1. People in a community 2. Roles of people in a community 3. Relation of people and community 		<ol style="list-style-type: none"> 1. Earth's natural resources 2. People's actions affect the environment 3. Personal choices that can save the earth
Key Concepts:	<ul style="list-style-type: none"> • Form • Causation • Responsibility 	<ul style="list-style-type: none"> • Form • Function • Change • Perspective 		<ul style="list-style-type: none"> • Form • Function • Connection 		<ul style="list-style-type: none"> • Form • Causation • Responsibility
Grade 1	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. U2	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. U3	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 U4	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. U1	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. U5	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. U6
Central Idea:	Culture shapes our identity	Images communicate ideas and information	Interventions change the world	Physical and virtual public spaces provide people with opportunities to make connections and establish a sense of community	Understanding the way materials behave and interact determines how people use them.	People interact with, use and value local environments in different ways
Lines of Inquiry:	<ol style="list-style-type: none"> 1. My culture 2. How different culture influence the way people behave 3. Shared beliefs, values and culture that connect people 	<ol style="list-style-type: none"> 1. The use of static and moving images in different media 2. How design elements of images support communication 3. How we interpret and respond to image 	<ol style="list-style-type: none"> 1. The reasons for inventors inventing. 2. The ways in which inventors have shaped their society and future societies. 3. The specific contributions of inventors in history 	<ol style="list-style-type: none"> 1. Purpose of public spaces 2. Characteristics of different public spaces 3. How people use public spaces 	<ol style="list-style-type: none"> 1. Properties of matter 2. Effect of size and mass on an object 3. How materials work for specific purposes 	<ol style="list-style-type: none"> 1. Natural and human-made elements of local environments 2. How local environment addresses people's needs 3. How natural spaces are values in local environments
Key Concepts:	<ul style="list-style-type: none"> • Form • Change • Connection 	<ul style="list-style-type: none"> • Function • Connection • Perspective 	<ul style="list-style-type: none"> • Form • Change • Perspective 	<ul style="list-style-type: none"> • Function • Connection • Responsibility 	<ul style="list-style-type: none"> • Form • Function • Causation 	<ul style="list-style-type: none"> • Causation • Perspective • Responsibility
Grade 2	An inquiry into the nature of the self; beliefs and values; personal, physical, mental, social and spiritual health; human relationships	An inquiry into the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values; the ways in	An inquiry into orientation in place and time; personal histories; homes and journeys; the discoveries, explorations and migrations of	An inquiry into the interconnectedness of human-made systems and communities; the structure and function of organizations; societal decision-	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	An inquiry into rights and responsibilities in the struggle to share finite resources with other people and with other living things;

	including families, friends, communities, and cultures; rights and responsibilities; what it means to be human. U4	which we reflect on, extend and enjoy our creativity; our appreciation of the aesthetic. U6	humankind; the relationships between and the interconnectedness of individuals and civilizations, from local and global perspectives. U1	making; economic activities and their impact on humankind and the environment. U5	understanding of scientific principles; the impact of scientific and technological advances on society and on the environment. U2	communities and the relationships within and between them; access to equal opportunities; peace and conflict resolution. U3
Central Idea:	People around us help shape who we are	People recognize important events through celebrations and traditions.	Understanding the Earth lets us investigate its relationship and interactions among celestial objects	People share responsibilities for smooth	The nature of matter enables it to transform and change.	The interdependence of living things with their habitat impact their survival and well-being.
Lines of Inquiry:	<ol style="list-style-type: none"> Who I am The people around me How I am the same as and different from other people 	<ol style="list-style-type: none"> What traditions are How and why people celebrate Similarities and differences between various celebrations 	<ol style="list-style-type: none"> The relationship between Earth and celestial bodies in our solar system The impacts of Earth's position and movement affect itself Technology which aids the study of the universe 	<ol style="list-style-type: none"> Various communities we belong to Roles of people who are part of our communities How communities are organized 	<ol style="list-style-type: none"> Matter is all around us and can change in different ways. Changes of matter can be reversible or irreversible. Understanding changes of matter helps us make observations and predictions. 	<ol style="list-style-type: none"> Living things rely on their habitat for survival. Different habitats have unique features. Living things depend on each other.
Key Concepts:	<ul style="list-style-type: none"> Form Change Perspective 	<ul style="list-style-type: none"> Function Perspective 	<ul style="list-style-type: none"> Function Causation Change 	<ul style="list-style-type: none"> Form Function Responsibility 	<ul style="list-style-type: none"> Form Change Connection / Causation 	<ul style="list-style-type: none"> Form Function Connection
Grade 3	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 U1	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. U4	An inquiry into orientation in place and time, personal histories; homes and journeys; the discoveries, explorations and migrations of humankind; the relationships between the inter connectedness of individuals and civilizations, from local and global perspectives. U2	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. U3	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. U5	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. U6
Central Idea:	The human body is organized in an interactive way to function properly.	Signs and symbols are part of human-made systems that facilitate local and global communication	People use maps and globes to explore communities and the world around them.	Humans examine and create systems that organize the world.	All living things go through a process of change.	Biodiversity relies on maintaining the interdependent balance of organisms within systems

Lines of Inquiry:	<ol style="list-style-type: none"> The building blocks of the human body How the different building blocks work together How do you make sure the building blocks are functioning well 	<ol style="list-style-type: none"> Iconography How visual language facilitates communication. Specialized systems of communication. 	<ol style="list-style-type: none"> The different types of maps, globes and navigational tools. How landforms and waterforms are represented in navigational tools. How navigational tools aid the exploration of the world. 	<ol style="list-style-type: none"> Classification and organization / Evolution How systems help us understand the world / humans Function and dysfunction of systems 	<ol style="list-style-type: none"> Patterns of growth How living things change over their lifetime Factors that can influence life cycle 	<ol style="list-style-type: none"> Ways in which ecosystems, biomes and environment are interdependent How human interaction with the environment can affect the balance of systems The consequences of imbalance within ecosystems
Key Concepts:	<ul style="list-style-type: none"> Form Connection Responsibility 	<ul style="list-style-type: none"> Form Function Connection 	<ul style="list-style-type: none"> Forms Connection Causation 	<ul style="list-style-type: none"> Function Form Causation 	<ul style="list-style-type: none"> Causation Change Connection 	<ul style="list-style-type: none"> Connection Causation Responsibility
Grade 4	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 U1	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. U3	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. U2	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 U5	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. U4	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. U6
Central Idea:	Human beings undergo genetic mutations to survive and adapt to their environment	Throughout history, people have interacted with each other and communicated using arts	Exploration leads to discoveries, opportunities and new understandings	Governments are based on previous ideas and experiences to address the needs of people in a society	Energy can be seen in various forms and changed in different ways.	Communities depend on members to cooperate and take responsibility.
Line of Inquiry:	<ol style="list-style-type: none"> How characteristics are inherited Genetic variations is important for survival and adaptation How variations can lead to differences in characteristics 	<ol style="list-style-type: none"> How people communicate through arts How art works provide insight and information The role of arts in different cultures, places and times Development of arts forms over time 	<ol style="list-style-type: none"> Reasons for exploration (historical and personal) How explorations have taken place over time The consequences of explorations 	<ol style="list-style-type: none"> Purpose of the government Organization of the government The impacts to society of decisions and actions How beliefs about power and authority impact a society 	<ol style="list-style-type: none"> Different forms of energy Energy's relation to speed Energy can be transferred from place to place Energy changes when objects collide 	<ol style="list-style-type: none"> People impact the communities in which they live. Cultural symbols Identifying features of the community Citizens have rights and responsibilities
Key Concepts:	<ul style="list-style-type: none"> Function Causation Perspective 	<ul style="list-style-type: none"> Perspective Function Change 	<ul style="list-style-type: none"> Causation Change Perspective 	<ul style="list-style-type: none"> Form Function Responsibility 	<ul style="list-style-type: none"> Form Connection Change 	<ul style="list-style-type: none"> Function Perspective Connection
Grade 5	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 U1	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. U4	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. U5	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. U6	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. U2	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. U3
Central Idea:	The effective interactions between human body systems contribute to	People can create or manipulate messages to target specific	The Earth's physical geography impacts human interactions and settlement.	People create organization to solve problems and support human endeavor and	Natural materials can undergo changes that may provide challenges and benefits for	People can establish practices in order to adapt to the changes in the Earth.

	health and survival	audience		enterprise.	society and environment	
Lines of Inquiry:	<ol style="list-style-type: none"> 1.Body systems and how they work 2.How body systems are interdependent 3.Impact of lifestyle choices on the body 	<ol style="list-style-type: none"> 1.How images, text and music are used to influence behavior of target audiences 2.Creative process used to convey messages 3. Interpretation of messages presented in the media 	<ol style="list-style-type: none"> 1. Variability of physical geography around the world 2. The relationship between location and settlement 3. Impact of human interaction on the physical environment 	<ol style="list-style-type: none"> 1. Purpose of organization 2. Why people join organization 3. Strategies for problem solving within an organization. 4. What makes an organization. 	<ol style="list-style-type: none"> 1. Conditions that cause reversible and irreversible changes in materials 2.How societies take advantage of the properties of matter 3.The impact of retrieval, production and the use of materials on the environment 	<ol style="list-style-type: none"> 1. How the different components of the Earth are interrelated 2. Why the Earth experiences natural disasters 3. Human response to the Earth's changes
Key Concepts:	<ul style="list-style-type: none"> • Function • Connection • Responsibility 	<ul style="list-style-type: none"> • Form • Perspective • Reflection 	<ul style="list-style-type: none"> • Causation • Change • Connection 	<ul style="list-style-type: none"> • Function • Causation • Connection • Responsibility 	<ul style="list-style-type: none"> • Change • Function • Responsibility 	<ul style="list-style-type: none"> • Connection • Causation • Responsibility
Grade 6	<p>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>U5</p>	<p>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>U3</p>	<p>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>U2</p>	<p>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>U1</p>	<p>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>U4</p>	<p>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>U6</p>
Central Idea:	Leadership is a fundamental catalysts to achieve a healthy and impactful community	Materials have properties which can be used or manipulated for creative expression.	Societal reforms take place in history when people seek for change.	Biological hierarchy is structured and organized into complex systems to ensure a balanced earth.	Understanding the principles of mechanics enables people to identify and use them in a purposeful manner.	PYPX
Lines of Inquiry:	<ol style="list-style-type: none"> 1. Leadership as a fundamental catalyst 2. The connection of one's values and beliefs in building a healthy and impactful community 3. Struggles and challenges encountered in performing leadership 4. The roles of the citizens as a part of the community 	<ol style="list-style-type: none"> 1. Properties and uses of matter 2. Reasons behind changing materials according to its purpose 3. How materials can be used or manipulated as a form of expression 	<ol style="list-style-type: none"> 1. Identifying societal reforms that take place in history, 2. Local, national and global power struggles 3. How people adapt to change 	<ol style="list-style-type: none"> 1. How each biological level of organization works 2. The connection of the structures and organization of the level to the complexity of the systems 3. Responsibilities to maintain the balance of the organization 	<ol style="list-style-type: none"> 1. The concept of force, motion and energy. 2. How matter occurs and interacts 3. The ways people use matter accordingly 	PYPX
Key Concepts:	<ul style="list-style-type: none"> • Form • Connection • Perspective • Responsibility 	<ul style="list-style-type: none"> • Form • Causation • Function 	<ul style="list-style-type: none"> • Form • Perspective • Change 	<ul style="list-style-type: none"> • Function • Connection • Responsibility 	<ul style="list-style-type: none"> • Form • Function • Perspective 	<ul style="list-style-type: none"> • Form (What is it like?) • Function (How does it work?) • Causation (Why it is like it is?) • Change (How is it changing?) • Connection (What is the link to other things?) • Perspective (What are the points of view?) • Responsibility (What is our responsibility?)
