Transdisciplinary Theme	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.	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.	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.	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 the 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.	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.
Grade K (Ages 5-6)	Central Idea: Relationships are based on caring for ourselves and others.	Central Idea: (N/A)	Central Idea: (N/A)	Central Idea: The natural world has many cycles that influence human behavior	Central Idea: Sharing resources in a responsible way helps people and other living things.	Central Idea: Creative expression can inspire people to better themselves and the world
	Key Concepts: Function Causation Connection	Key Concepts: (N/A)	Key Concepts: (N/A)	Key Concepts: Causation Change Responsibility	Key Concepts: Function Connection Responsibility	Key Concepts: Perspective Form Change
	Related Concepts: Traditions (SS) Self-care (SEL) Self-Awareness (SEL) Relationships (SEL) Personal Culture (SS)	Related Concepts: (N/A)	Related Concepts: (N/A)	Related Concepts: Cause-and-effect (Sci.) Adaptations (Sci/SS) Weather systems Sequencing/ordering (math) cycles (science)	Related Concepts: Recycling (Sci) Needs/Wants (SS, SEL) Communities (SS) Life cycles (Sci) Peace (SS, SEL)	Related Concepts: SEL standards (SEL) Multi-media expression (music, dance, arts, poetry, literature) Communities (SS)

	Beliefs and Values (SS) Identify (SS) Contribution (SS) Interdependence (SS)			location (SS) illustrations (Lit.) opinions (lit). prediction (math) classification (math)		Traditions/Family (SS) Diversity (SS) Illustrations (Lit.) Interpretations (Lit.) Resources (Sci.) Expression (Arts) Creativity (Arts)
	Lines of Inquiry: Families take care of us and teach us how to care for others. (Function) When we care for others, we can make good friends. (Causation) Taking care of ourselves helps us to strengthen our relationships. (Connection)	Lines of Inquiry: (N/A)	Lines of Inquiry: (N/A)	Lines of Inquiry: Earth's movement creates seasons (causation) Seasons affect change in weather (change) Weather cycles influence human behavior (responsibility)	Lines of Inquiry: Humans and other living things use resources to live (function) Resources are limited and must be shared (connection) Sharing resources responsibly creates peace (responsibility)	Lines of Inquiry: Feelings are important and can be expressed safely and appropriately (Perspective) People use their bodies and forms of media to share their feelings (Form) Creative expression helps people to manage emotions and inspire others (Change)
Transdisciplinary Theme	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;	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	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.	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	Sharing the Planet An inquiry into the 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	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

	what it means to be human.	individuals and civilizations, from local and global perspectives.		advances on society and on the environment.	opportunities; peace and conflict.	appreciation of the aesthetic.
Grade 1 (Ages 6-7)	Central Idea: Family and culture shape our communities.	Central Idea: We can appreciate and compare our history to other people's histories in other regions and countries.	Central Idea: A structured community is a strong community.	Central Idea: Technological advances can support people and their environment.	Central Idea: We can work together to share the planet's resources in a responsible way.	Central Idea: People practice traditions and celebrations based on cultural beliefs.
	Key Concepts: Form Connection Causation	Key Concepts: Perspective Reflection Connection	Key Concepts: Responsibility Connection Function	Key Concepts: Change Function Connection	Key Concepts: Function Causation Responsibility	Key Concepts: Connection Perspective Reflection
	Related Concepts: Families (SS) Jobs (SS) Community Structure (SS) Empathy (SEL) Relationships (SEL)	Related Concepts: Maps (Geography) Continents (Geography) Methods of travel (Science) Languages (World Languages)	Related Concepts: Careers (SS) Community (SEL/SS) Systems (SS) Economics (Math and SS) Responsibilities (SEL) Leadership (SEL/SS)	Related Concepts: Light (Science) Sound (Science) Products and Services (SS) Inventions (Science and SS) Needs versus wants (SEL)	Related Concepts: Earth Day (Sci and SS) Sharing of responsibilities (SEL) Fossil Fuels (Sci) Renewable resources (Sci) Recycling, reducing, reusing (Sci) Energy (Sci)	Related Concepts: Traditions (SS) Customs (SS) Identity(SS) Celebration (SS) Community (SS) Self-Identity-(SEL) Storytelling-(ELA) Creativity (Arts) Expression (Arts)
	Lines of Inquiry: Parts of a community. (Form) Types of families in communities are connected. (Connection) Cultures of families shape a	Lines of Inquiry: Understand where we live in relation to the rest of the world (Perspective) Inquiry about our personal family history (Reflection) Compare our personal history to	Lines of Inquiry: Jobs and productivity impact communities. (Responsibility) Careers affect communities in positive ways. (Connection)	Lines of Inquiry: Human and environmental needs change over time. (Change) Technology changes over time. (Function)	Lines of Inquiry: People work together and share resources. (Function) Natural resources on our planet can be limited. (Causation)	Lines of Inquiry: The world is full of diverse traditions. (Connection) People express their beliefs through celebrations in a variety of creative ways. (Perspective)

	community.	other family and	Jobs/Careers provide	People invent new	Limited resources	There are cultural
	(Causation)	cultural histories (Connection)	systems and structure to strengthen a community. (Function)	technology and goods based on the needs of people and the environment. (Connection)	must be used in a responsible way. (Responsibility)	similarities and differences in traditions and celebrations. (Reflection)
Transdisciplinary Theme	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.	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.	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.	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 the 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.	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.
Grade 2 (Ages 7-8)	Central Idea: By understanding and valuing ourselves, we can grow positive relationships, and understand our culture and other cultures.	Central Idea: Understanding our local communities' cultures encourages explorations globally.	Central Idea: Humans are interconnected through systems made to support people in communities.	Central Idea: Laws of the natural world can help or hinder the survival of its plants and creatures.	Central Idea: Living things depend on the sharing of resources in order to survive.	Central Idea: Expression helps us have a different perspective and promote our uniqueness.
	Key Concepts: Perspective Responsibility	Key Concepts: Form Perspective Causation	Key Concepts: Connection Form	Key Concepts: Form Causation	Key Concepts: Connection Change	Key Concepts: Function Perspective

Connection		Function	Change	Responsibility	Causation
Related Concepts: Citizenship (SS) Empathy (SEL) Communication (SEL, ELA) Diversity (SS) Family (SEL, SS) Rights (SS) Roles (SEL, SS) Traditions (SEL, SS) Government (SS) Careers (SS)	Related Concepts: Multicultural studies (SS) Biographies (ELA, SS) Religion (SS) Languages (Spanish, ELA) Geography and Map Skills (SS) Explorations and migrations (SS)	Related Concepts: Technology (Tech) Internet Safety (SEL, Tech) Interviewing (ELA, S&L) Citizenship (SS) Religions (SS, SEL) Government (SS) Rights and Responsibilities (SS) Consequences (SEL, SS) Structures (Sci) Folktales (SS, ELA) Gratitude (SEL)	Related Concepts: Classification (Sci) Cause-and-effect (Sci) Adaptations (Sci, SS) Predator & prey (Sci) Food chains (Sci) Instincts (SEL, Sci) Traits (SEL, Sci) Migration and hibernation (Sci) Water Cycle (Sci) Seasons (Sci	Related Concepts: Water Cycle (Sci) Natural Resources (Sci) Fresh water supply (Sci, SS) Clean water access (Sci, SEL, SS) Sharing (SEL) Equality (SS, SEL) Rights and responsibilities (SS, SEL) Executive power and branches of government (SS) Nutrition (Health)	Related Concepts: Performance arts (Physical Ed/Art/Music/SS) Visual Arts (Art/SS) Poetry (ELA) Storytelling (ELA, SS) Identity (SEL/SS) Belonging (SEL/SS) Brain research (Sci) Community (SEL/SS) Freedoms and rights (SEL/SS) Measurement (Math) Engineering (Sci/Math)
Lines of Inquiry: Having value for ourselves and others. (Perspective) Relationships can be made stronger. (Responsibility) Strong human relationships make strong communities. (Connection) Understanding our culture and other cultures help build the global community. (Connection)	Lines of Inquiry: Geography and personal histories add to culture (Form). Knowing about different cultures can build curiosity and wonder (Perspective). Learning more about different cultures supports explorations around the world (Causation).	Lines of Inquiry: Humans rely on other humans (Connection) Systems made in order to support self and others (Form) Systems build interconnection in communities (Function)	Lines of Inquiry: Laws of nature are natural things that happen (Form) Plants and creatures can be helped or hurt (Causation) Plants and creatures are affected by the laws of nature (Change)	Lines of Inquiry: Earth's resources support life (Connection). Resources can be limited, or finite (Change). Role of sharing finite resources (Responsibility).	Lines of Inquiry: Humans demonstrate ideas and feelings through expression (Function). Expression helps us build an understanding of others (Perspective). Understanding others and understanding our own uniqueness (Causation).

Transdisciplinary Theme	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.	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.	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.	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 the 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.	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.
Grade 3 (Ages 8-9)	Central Idea: Human choices, actions, and contributions bring about change in a community	Central Idea: Human innovations support explorations and migrations to achieve interconnectedness with other communities.	Central Idea: A community and society are everchanging to meet the needs of people as the world around us is ever-changing.	Central Idea: The natural world impacts human and animal life and development in many ways.	Central Idea: The impact of the interaction of local communities to develop and share resources affects larger communities.	Central Idea: We can discover and express our cultural beliefs through the sharing of values.
	Key Concepts: Function Connection Change	Key Concepts: Connection Perspective Form	Key Concepts: Causation Function Change	Key Concepts: Causation Form Perspective	Key Concepts: Connection Causation Responsibility	Key Concepts: Connection Perspective Reflection
	Related Concepts: Traditions (SS) Character (ELA/SEL)	Related Concepts: Alaska State History (S.S)	Related Concepts: Digital Citizenship (Tech, SEL)	Related Concepts: Physical Science/Weather/Cl	Related Concepts: Art as expression (Art, SEL)	Related Concepts: Culture (S.S.) Arts (S.S.) Visual Arts (S.S.)

	Fiction/Non-Fiction Literature (ELA) Jobs/Careers (SS) Relationships (SEL) Courage (SEL/SS/ELA) Heroes (SEL/SS) Justice (SEL/SS)	Anchorage History (S.S) State and local biographies (S.S.) Landforms (S.S.) Maps and globes (SS) Underground Railroad (SS, SEL) Slavery (SS, SEL) Leadership (SEL) Codes (SS, Sci)	Internet Safety (Tech, SEL) Interviewing (ELA, SEL) Expression in Writing (ELA) Inventing (Sci) Engineering (Sci)	imate (ELA/Science) Natural Disasters (Science) Geography (ELA/Science) Graphing (Math) Patterns (Math) Cultural development (Social Studies) Systems (Math) Survival (ELA/Science)	Environmental Science (Sci) Sociology of native tribes (SS, SEL) Conservation (Sci) Subsistence fishing, hunting (SS, Sci)	Music (Music) Storytelling (S.S.) Identity (S.S.) Alaska Native cultures (S.S.) Dance (Health, Art, Music) Ancient Civilizations (S.S.)
	Lines of Inquiry: Contributions from various cultures help care for families and communities. (Function) Exploring one's ancestry helps connect us to our families' cultures, traditions, and self. (Connection) Being connected to one's ancestry helps family contribute to their culture to bring about change. (Change)	Lines of Inquiry: Communities can be interconnected (Connection). Exploration helps humans connect to their surroundings and other communities (Perspective). Connecting to surroundings through innovation (Form).	Lines of Inquiry: Recent changes in our community impact our day-to-day lives.(Causation) Adaptation to changes in our community are opportunities for inquiring and learning. (Function) Learning adaptations helps us discover new routines, technologies, and tools to accommodate our changing world. (Change)	Lines of Inquiry: The effects of the natural world affect communities. (Causation) Effects of the natural world are measured and collected in different ways. (Form) People and animals' choices are influenced by change in nature. (Perspective)	Lines of Inquiry: Different local communities, like native tribes, are connected to each other. (Connection) Impacts of resource development on the environment and communities in which it is produced. (Causation) Access to resources impacts the peace and conflict among communities. (Responsibility)	Lines of Inquiry: Values are connected to culture. (Connection) Cultures are expressed through family beliefs and values. (Perspective) Examining how cultural traditions are shared and expressed in families and communities around the world. (Reflection)
Transdisciplinary Theme	Who We Are An inquiry into the nature of the self; beliefs and values; personal, physical, mental, social and	Where We Are in Place and Time An inquiry into orientation in place and time; personal histories; homes and journeys;	Ourselves An inquiry into the interconnectedness of human-made systems and communities; the	How the World Works An inquiry into the natural world and its laws; the interaction between the natural	Sharing the Planet An inquiry into the rights and responsibilities in the struggle to share finite resources with other	How We Express Ourselves An inquiry into the ways in which we discover and express ideas,

AI C C Si M (S	Related Concepts: Ancient Civilizations (SS) Citizenship (SS) Self-identity (SEL) Mutual respect SEL) Leadership (SS,	Related Concepts: Maps (Geography) Continents (Geography) Methods of travel (Science) Languages (World Languages)	Related Concepts: Government (SS) Community differences (SS) Religions (SS) Leadership qualities (SEL) Tolerance (SEL) Cause and Effect (Sci)	Related Concepts: Adaptations (Sci) Animal Behaviors (Sci) Cycles in Environments (Sci) Salmon Cycle(Sci) Relationships (SEL) Electricity (Sci)	Related Concepts: Earth Day (Sci and SS) Sharing of responsibilities (SEL) Fossil Fuels (Sci) Renewable resources (Sci) Recycling, reducing, reusing (Sci) Energy (Sci)	Related Concepts: Traditions (SS) Customs (SS) Identity(SS) Celebration (SS) Community (SS) Self-Identity-(SEL) Storytelling-(ELA) Creativity (Arts) Expression (Arts)
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Po R	Key Concepts: Perspective Responsibility Function	Key Concepts: Perspective Reflection Connection	Key Concepts: Form Function Responsibility	Key Concepts: Causation Change Connection	Key Concepts: Function Causation Responsibility	Key Concepts: Connection Perspective Reflection
9-10) Be ar pe sh de ac	Central Idea: Beliefs and values are central to beople's lives and shape our decisions and actions.	Central Idea: We can appreciate and compare our history to other people's histories in other regions and countries.	Central Idea: Human-made systems protect and enhance communities.	Central Idea: The ability to change assists the natural and physical world.	Central Idea: We can work together to share the planet's resources in a responsible way.	Central Idea: People practice traditions and celebrations based on cultural beliefs.
hu in fri ar ar wi hu	spiritual health; numan relationships ncluding families, riends, communities, and cultures; rights and responsibilities; what it means to be numan.	the discoveries, explorations and migrations of humankind; the relationships between and the interconnectedness of individuals and civilizations, from local and global perspectives.	structure and function of organizations; societal decision- making; economic activities and their impact on humankind and the environment.	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.	people and with other living things; communities and the relationships within and between them; access to equal opportunities; peace and conflict.	feelings, nature, culture, beliefs and values; the ways in which we reflect on, extend and enjoy our creativity; our appreciation of the aesthetic.

	Understanding personal beliefs and that of others. (Perspective) Understand how beliefs and values influence decisions and actions. (Responsibility) Determine how beliefs and values influence people's lives. (Function)	we live in relation to the rest of the world (Perspective) Inquiry about our personal family history (Reflection) Compare our personal history to other family and cultural histories (Connection)	Organized supports exist in communities (Form) Connections strengthen communities so they balance (Function) Government systems protect communities so connections and balance continue to thrive (Responsibility)	Laws of nature that helps life flourish (Causation) Changes occur in life cycles, the environment, and the physical world (Change) Nature relies on adaptations in order to go on (Connection)	together and share resources. (Function) Natural resources on our planet can be limited. (Causation) Limited resources must be used in a responsible way. (Responsibility)	diverse traditions. (Connection) People express their beliefs through celebrations in a variety of creative ways. (Perspective) There are cultural similarities and differences in traditions and celebrations. (Reflection)
Transdisciplinary Theme	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.	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.	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.	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 the 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.	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.
Grade 5 (Ages 9-10)	Central Idea: Cultural traditions showcase beliefs and values.	Central Idea: Humankind's discoveries and understanding of the	Central Idea: Human-made communities across the planet interact	Central Idea: An understanding of natural laws coupled with	Central Idea: Life on our planet is diverse and involves many complex	Central Idea: Human beings from all cultures have expressed certain

	world are interconnected to the factors of place, time, and change.	with their environments and each other and create systems for survival.	technological advancements aids in a more complete understanding of our universe.	communities and relationships and requires the sharing of finite resources.	values, beliefs and feelings in both word and deed.
Key Con Connect Perspec	tion Form	Key Concepts: Perspective Function Responsibility	Key Concepts: Form Connection Causation	Key Concepts: Connection Causation Change	Key Concepts: Perspective Causation Responsibility
	Concepts: ing (ELA, (SS) Attrition Astronomical Time Accretion Geological Time Avulsion	Related Concepts: Survival (Sci, SEL) Home (SEL, SS) Self-Reliance (SEL, SS) Resources (Sci) Frontiers (Geography) Pioneers (SS) Navigation (SS, Map Skills) Indigenous Peoples (SS Risk-Reward (SEL, SS) Opportunity (SEL)	Related Concepts: atomic structure (sci.) imagination (SEL, LA, Art) astronomical time (sci.) technological advancement (sci.) elements (sci.). diversity (ss) gravity (sci.). ingenuity (SEL) mass (sci.) friction (sci.) energy (sci.)	Related Concepts: biodiversity (Sci) adaptation (Sci) interconnectedness (Sci, SS) interdependence (Sci, SEL) symbiosis (Sci) habitat (Sci, Geography)	Related Concepts: self-expression (SEL/ELA/Art) oppression (SEL/SS) freedom (SS) tyranny (SS) conflict (SEL/SS) representation (SEL/SS) natural rights (SS/Sci) autonomy (SS) sovereignty (SS) sacrifice (SEL/SS) cause & effect (Sci)
Culture connect creative express (Connect Culture on througenerati (Connect Studying helps us	ed to ever-present factor in most of humankind's major discoveries (Form). is passed igh cons. ction) Change over time reflects the interconnectedness of all things in both civilizations, and on Planet Earth at large (Causation).	Lines of Inquiry: Human-made communities often begin as "frontier communities" (Perspective) Communities create systems and skill sets to meet survival needs (Function) Communities across the planet interact with their environments in diverse ways to	Lines of Inquiry: The universe is governed by natural laws. (Form) All matter and interactions within the universe are subject to these natural laws. (Connection) Technological advances of human societies effectuate an understanding of	Lines of Inquiry: Life on Earth is defined by a diversity of living things (Connection) Communities and relationships of and amongst living things on our planet are complex and are marked by interdependence (Causation) Preserving living things requires	Lines of Inquiry: All cultures are linked by certain shared values and beliefs (Perspective) Desire for freedom has been an impetus for self-expression throughout history and in all cultures (Causation) Human beings have expressed ideas and feelings about freedom in both

	cultures. (Perspective) Exploring similarities across cultures allows us to understand what it means to be human. (Perspective, Connection)	inextricably linked to change (Change).	acquire resources for survival (Responsibility)	the universe. (Causation)	managing and sharing finite resources carefully (Change)	action and in word (Responsibility)
Transdisciplinary Theme	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.	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.	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.	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 the 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.	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.
Grade 6 (Ages 11-12)	Central Idea: Beliefs and values influence our identity and our impact on communities.	Central Idea: Individuals can influence the outcome of local and global conflicts	Central Idea: Global economic development is influenced by society and natural resources.	Central Idea: The transfer of energy can be tracked as it moves from designed or natural sources.	Central Idea: Harvesting energy from natural resources affects both human and other living things.	Central Idea: Knowledge of different forms of expression causes us to have a new perspective.
	Key Concepts: Perspective	Key Concepts: Change	Key Concepts: Function	Key Concepts: Form	Key Concepts: Form	Key Concepts: Form

Connection Responsibility	Connection Responsibility	Connection Responsibility	Function Change	Function Connection	Perspective Reflection
Related Concepts: Self-Awareness (SEL) Citizenship (SS) Identity and Respect of Others (SEL) Empathy (SEL)	Related Concepts: Political Values (SS) Global Conflicts (SS) Managing Conflict (SEL) Brain Science (SEL)	Related Concepts: Economic Systems (SS) Business Structure (SS) Budgets and Inflation (M) Choices and Decision Making (SEL) Self-Management (SEL) Resources and Sustainability (Sci)	Related Concepts: Energy Forms/Systems (Sci) Scientific Process (Sci) Giving/Receiving Feedback (SEL) Argumentative Claims (ELA)	Related Concepts: Energy Forms/Systems (Sci) Scientific Process (Sci) Presenting (SEL) Argumentative Claims (ELA)	Related Concepts: Forms of media (engineering, Art) Music (Performing Art) Identity (SEL) Visual Arts (Art) Self-expression (ELA, SEL)
Lines of Inquiry: Places and people influence our identify. (Perspective) Communities are influenced by the identities of those who create it. (Connection) People can impact their communities. (Responsibility) We can impact our communities. (Responsibility)	Lines of Inquiry: Internal and External forces can cause an individual to change their perspectives (Change) Motivations and actions of individuals contribute to conflict or cooperation (Connection) Global conflicts and their outcomes change the balance of power (Responsibility)	Lines of Inquiry: The role of an individual in the production process (Function) The relationship between supply and demand (Connection) The responsibility of users and consumers towards each other and the environment (Responsibility)	Lines of Inquiry: Energy exists in various forms (form) Matter is conserved in physical and natural processes (function) The transfer of energy can drive motion or cycling of matter (change)	Lines of Inquiry: Renewable and nonrenewable energy resources exists in our environment (form) Energy can be transformed from resource to an application (function) Positive and negative consequences of extracting resources (connection) Engineers develop strategies to	Lines of Inquiry: Self expression comes in many unique forms (Form). Exploring others' values through trying out different artwork (Perspective) Creating our own work in-line with our emotions and feelings (Reflection)

		increase the	
		efficiency of	
		harvesting energy	
		to reduce impact	
		(connection)	
		,	