

School Year 25/26

	<u>Who We Are</u>	<u>Where we are in Place & Time</u>	<u>How we Express Ourselves</u>	<u>How the World Works</u>	<u>How We Organize Ourselves</u>	<u>Sharing the Planet</u>
PK2	Central Idea: I am special: My personal characteristics make me unique. Key Concepts: Form, Connection Related Concepts: Identity, self-awareness, interests LEARNER PROFILE LINKS: Caring		Central Idea: I am an artist: I use creative ways to express myself. Key Concepts: Function, Causation, Perspective Related Concepts: Exploration, Mediums and Tools, Creativity LEARNER PROFILE LINKS: Communicator, Courageous	Central Idea: I am an explorer: Exploration helps me understand my world. Key Concepts: Function, Form, Connection Related Concepts: Play, Exploration, Discoveries LEARNER PROFILE LINKS: Inquirer, Thinker		Central Idea: I am caring: I care about living things. Key Concepts: Responsibility Related Concepts: Care, Living/Non-living, Survival LEARNER PROFILE LINKS: Caring, Reflective
PK3	Central Idea: We connect through shared interests and characteristics. Lines of Inquiry: - Identity - How we connect with others Key Concepts: Form, Connection Related Concepts: Identity, Belonging, Diversity, Community LEARNER PROFILE LINKS: Caring, Open-minded		Central Idea: People express feelings in different ways. Lines of Inquiry: - Communicating feelings and needs - Making friends - Caring and respect for ourselves and others Key Concepts: Causation, Responsibility Related Concepts: Friendships, Needs and Wants, Feelings ATLS: Social Skills, Communication Skills LEARNER PROFILE LINKS: Communicator, Reflective	Central Idea: Our senses guide us in our observations. Lines of Inquiry: - Using our five senses to explore - Our observations lead us to questions - We can make connections Key Concepts: Function, Connection, Perspective Related Concepts: Senses, Environments, Investigations, Research LEARNER PROFILE LINKS: Inquirer, Thinker		Central Idea: Living things have basic needs that help them grow. Lines of Inquiry: - Needs of living things - How living things change as they grow - Our responsibility towards living things in our environment Key Concepts: Change, Responsibility Related Concepts: Care, Living/Non-living, Survival LEARNER PROFILE LINKS: Principled, Knowledgeable
PK4	Central Idea: Relationships impact our beliefs, values and culture. Lines of Inquiry: - Identity - How we connect with others - Friends and family Key Concepts: Form, Connection Related Concepts: Identity, belonging, diversity, community LEARNER PROFILE LINKS: Caring, Open-minded, Balanced		Central Idea: We express our feelings and ideas by using different materials and tools. Lines of Inquiry: - How artists use tools and materials - Connections between materials, tools and the artist Key Concepts: Function, Causation, Perspective Related Concepts: Exploration, Mediums and tools, Creativity LEARNER PROFILE LINKS: Courageous, Communicator, Reflective	Central Idea: Our senses guide us in our observations. Lines of Inquiry: - Using our five senses to explore - Our observations lead us to questions - We can make connections Key Concepts: Function, Connection, Perspective Related Concepts: Senses, Environments, Investigations, Research LEARNER PROFILE LINKS: Inquirer, Thinker, Knowledgeable	Central Idea: We can make decisions about organizing ourselves in our communities. Lines of Inquiry: - Roles and responsibilities in our community - Making decisions - Organizing our spaces and time Key Concepts: Responsibility, Change Related Concepts: Roles, Decision-making, Space LEARNER PROFILE LINKS: Principled, Responsible	

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KG	Central Idea: Relationships play a role in creating our community. Lines of Inquiry: • Different communities we belong to • Roles we take on within a community • Children's rights within a community Key Concepts: Connection, Causation, Responsibility Related Concepts: Identity, belonging, diversity, community LEARNER PROFILE LINKS: <i>Communicators, Reflective, Balanced, Caring</i>	Central Idea: Inventions help us explore the world. Lines of Inquiry: • Role of explorer • Inventions that help us explore • Discoveries Key Concepts: Form, Function, Perspective Related Concepts: Location, Explorations, Discoveries LEARNER PROFILE LINKS: <i>Knowledgeable, Open-minded, Courageous</i>	Central Idea: Stories can be told in different ways for different purposes. Lines of Inquiry: • Ways that stories are told and shared • How stories help us to learn and reflect • How stories can influence our actions and feelings Key Concepts: Function, Connection, Perspective Related Concepts: Imagination, Communication LEARNER PROFILE LINKS: <i>Communicator, Reflective, Courageous</i>	Central Idea: Movement causes change. Lines of Inquiry: • Types of movement • Reactions to movement • Designing as engineers Key Concepts: Function, Causation, Change Related Concepts: Motion, Force/power LEARNER PROFILE LINKS: <i>Inquirer, Thinker</i>		Central Idea: Living things interact and share resources for growth and survival. Lines of Inquiry: • Resources living things need • Ways living things interact and share resources • Impact on the environment Key Concepts: Form, Connection, Responsibility Related Concepts: Living things, Ecosystems LEARNER PROFILE LINKS: <i>Caring, Knowledgeable, Principled</i>

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Grade 1	Central Idea: The choices we make affect our health and relationships. Lines of Inquiry: • Healthy habits • Balanced choices • Cooperation and conflict resolution Key Concepts: Causation, Form, Responsibility Related Concepts: Health, Well-being, Relationships, Community, Conflict LEARNER PROFILE LINKS: <i>Caring, Balanced, Communicator</i>	Central Idea: Our personal histories provide insight into the past. Lines of Inquiry: • Tools historians use to understand the past • Gathering evidence of the past • Telling stories of the past Key Concepts: Perspective, Connection, Change Related Concepts: History, Time, Place LEARNER PROFILE LINKS: <i>Open-minded, Principled, Caring</i>	Central Idea: We can use light and sound to express ourselves. Lines of Inquiry: • Properties of sound and light • Investigating how materials can change light and sound • Using our knowledge of light and sound to express ourselves Key Concepts: Form, Function, Causation Related Concepts: Light, Sound, Properties, Expression LEARNER PROFILE LINKS: <i>Courageous, Knowledgeable, Communicators</i>	Central Idea: The Earth's natural cycles influence the behavior of living things. Lines of Inquiry: • Day and night • Seasonal patterns • How Earth's cycles influence living things Key Concepts: Causation, Change, Connection Related Concepts: Pattern, cycles, earth and space LEARNER PROFILE LINKS: <i>Inquirers, Thinkers</i>	Central Idea: Communities build systems that allow people to live and work together. Lines of Inquiry: • Roles and responsibilities of members in our communities • Systems in our communities • How people help the systems in our community work Key Concepts: Function, Responsibility, Connection Related Concepts: Structure, systems, community, citizenship LEARNER PROFILE LINKS: <i>Knowledgeable, Communicators, Inquirers</i>	Central Idea: Biomimicry helps us design solutions to human problems. Lines of Inquiry: • Survival characteristics and behaviors of living things • Designing like engineers • Using biomimicry to design solutions Key Concepts: Connection, Function, Causation Related Concepts: Earth, Systems, Survival, Design LEARNER PROFILE LINKS: <i>Inquirers, Thinkers, Caring</i>

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Grade 2	Central Idea: We create communities through shared understanding of diverse cultures. Lines of Inquiry: - Cultural markers - How cultures are similar or different - How communities share their stories Key Concepts: Form, Connection, Perspective Related Concepts: Values, Diversity, Culture LEARNER PROFILE LINKS: <i>Open-minded, Communicator, Inquirer</i>	Central Idea: Earth's natural processes impact the earth's surface over time. Lines of Inquiry: - Earth's natural features - Ways the Earth changes over time - Designing solutions in preventing the impact of earth's natural hazards Key Concepts: Form, Change, Responsibility Related Concepts: Pattern, Stability LEARNER PROFILE LINKS: <i>Thinker, Knowledgeable, Inquirer</i>	Central Idea: Appreciation of the natural world inspires our creative expression. Lines of Inquiry: - Observing the natural world - The forms of nature in art - Creating expressions inspired by nature Key Concepts: Form, Connection, Perspective Related Concepts: Properties, Technique, Expression LEARNER PROFILE LINKS: <i>Balanced, Communicator, Knowledgeable</i>	Central Idea: Matter has observable properties that can be changed and used in different ways. Lines of Inquiry: - Structure and properties of matter - How heating and cooling can change matter - Purpose of matters Key Concepts: Form, Function, Change Related Concepts: Pattern, Energy, Matter LEARNER PROFILE LINKS: <i>Reflective, Thinker, Courageous</i>	Central Idea: Communities are organized around economic activities. Lines of Inquiry: - Needs and wants - Features of economic activities within our community - Impact of economic activity on the community Key Concepts: Form, Function, Causation Related Concepts: Economics, Values, System, Community LEARNER PROFILE LINKS: <i>Thinkers, Principled, Balanced</i>	Central Idea: Cooperation and conflict impact communities. Lines of Inquiry: - Examples of conflict and cooperation - Factors that contribute to conflict and cooperation - Managing conflict Key Concepts: Responsibility, Causation, Change Related Concepts: Rights, Conflict, Citizenship LEARNER PROFILE LINKS: <i>Principled, Caring, Open Minded</i>

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Grade 3	Central Idea: We all play a role in creating our community. Lines of Inquiry: - Rights of community members - Responsibilities in our school community - Roles in our classroom community Key Concepts: Responsibility, Causation, Change Related Concepts: Rights, Conflict, Citizenship LEARNER PROFILE LINKS: <i>Principled, Reflective, Caring</i>	Central Idea: The migration of people over time shapes societies. Lines of Inquiry: - How communities have changed over time - Factors that influence human migrations - Mapping patterns of migrations over time Key Concepts: Change, Causation, Perspective Related Concepts: Communities, Journeys LEARNER PROFILE LINKS: <i>Open-minded, Caring</i>	Central Idea: Engineering design processes are inspired by core scientific principles. Lines of Inquiry: - Investigating balanced and unbalanced forces on objects - Magnetic interactions - Design innovations inspired by force and interaction principles Key Concepts: Causation, Perspective, Function Related Concepts: Pattern, innovation, design LEARNER PROFILE LINKS: <i>Inquirers, Reflective</i>	Central Idea: Understanding weather patterns and hazards empowers communities to prepare and respond effectively. Lines of Inquiry: - Patterns of weather - Using data to describe climate in regions of the world - How communities around the world respond to weather hazards Key Concepts: Connection, Function, Perspective Related Concepts: Pattern, Cycles, Natural Processes LEARNER PROFILE LINKS: <i>Inquirers, Reflective, Communicators</i>	Central idea: Advancements in technology have changed the way we live. Lines of inquiry: - Ways in which technology meets the needs of citizens - Changes in technology over time - Impact of technology on community systems Key Concepts: Function, Change, Causation Related Concepts: Technology, Systems, Communication, Transportation LEARNER PROFILE LINKS: <i>Courageous, Thinkers</i>	Central Idea: Changes to the environment impact the survival of living things. Lines of Inquiry: - Life cycles and traits of living things - Interdependence in diverse ecosystems - Human impact on the environment Key Concepts: Connection, Causation, Responsibility Related Concepts: Interdependence, Ecosystem, Environment, Adaptability LEARNER PROFILE LINKS: <i>Knowledgeable, Balanced</i>

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Grade 4	Central Idea: The choices people make affect their body systems and wellbeing. Lines of Inquiry: • How body systems work • Connections between systems to support support health and wellbeing • Making responsible choices to promote well-being Key Concepts: Function, Connection, Responsibility Related Concepts: Systems, Health and Well-being LEARNER PROFILE LINKS: <i>Knowledgeable, Balanced</i>	Central Idea: People and events from the past shape our understanding of history. Lines of Inquiry: • Patterns of change and continuity of civilizations • Relationships between people and events through time • Perspectives throughout history Key Concepts: Change, Causation, Perspective Related Concepts: Time, Pattern, Relationship LEARNER PROFILE LINKS: <i>Inquirer, Open-minded, Knowledgeable</i>	Central Idea: Innovation is a process that involves creativity and experimentation. Lines of Inquiry: • Defining design problems • Generating and comparing possible solutions • Testing models or prototypes Key Concepts: Form, Perspective, Causation Related Concepts: Design, Innovation LEARNER PROFILE LINKS: <i>Communicators, Reflective Courageous</i>	Central Idea: Human innovation informs solutions that impact people and the earth. Lines of Inquiry: • Understanding Earth's natural processes • Earth's changes over time • Human innovation as a response to emergent issues Key Concepts: Function, Change, Responsibility Related Concepts: Earth systems, Patterns, Technology LEARNER PROFILE LINKS: <i>Thinker, Principled</i>	Central Idea: Systems of governance address the needs and rights of its citizens. Lines of Inquiry: • Types of governance • Interconnectedness of government and community systems • Citizenship Key Concepts: Function, Connection, Perspective Related Concepts: Governance, Citizenship, Systems LEARNER PROFILE LINKS: <i>Open-minded, Communicators, Balanced</i>	Central Idea: Energy converted and transferred from natural resources impacts the environment. Lines of Inquiry: • Forms of energy • Transference and conversion of energy • Impact of renewable and non-renewable energy sources Key Concepts: Form, Causation, Responsibility Related Concepts: Energy, Matter, Sustainability LEARNER PROFILE LINKS: <i>Inquirer, Reflective</i>

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Grade 5	Central Idea: We change as we grow. Lines of Inquiry: • The physical, social and emotional changes in adolescence • How change affects the self • Celebrating who we are Key Concepts: Change, Causation, Responsibility Related Concepts: Adolescence, Health, Well-being LEARNER PROFILE LINKS: <i>Balanced, Reflective, Principled</i>	Central Idea: Exploration of Earth's position in the solar system has contributed to historical discoveries over time. Lines of Inquiry: • Earth's position in the solar system • Key historical discoveries of earth and space • Thinking like an astronomer Key Concepts: Form, Connection, Perspective Related Concepts: Systems, Space, Time LEARNER PROFILE LINKS: <i>Inquirer, Courageous</i>	Exhibition Guiding Idea: Our interests and actions affect ourselves, our community and the world. LEARNER PROFILE LINKS: <i>All</i>	Central Idea: We can use scientific understanding to protect the Earth's resources and environment. Lines of Inquiry: • Interconnectedness of the geosphere, biosphere, hydrosphere and atmosphere • Cycles of matter and energy in ecosystems • Ways communities and individuals are working towards sustainable water conservation Key Concepts: Connection, Causation, Change Related Concepts: Earth Systems, Sustainability, Conservation LEARNER PROFILE LINKS: <i>Open-minded, Thinker</i>	Central Idea: Economies are shaped by geographic and human factors. Lines of Inquiry: • Defining regions by its characteristics • Trade patterns among different regions • Impact of trade Key Concepts: Function, Connection, Causation Related Concepts: Geography, Economics, Cooperation LEARNER PROFILE LINKS: <i>Reflective, Thinker</i>	Central Idea: Informed citizenship impacts inequalities in communities. Lines of Inquiry: • Types of inequalities • Impact of inequality on communities • Active citizen engagement Key Concepts: Form, Causation, Responsibility Related Concepts: Citizenship, Equality, Impact LEARNER PROFILE LINKS: <i>Knowledgeable, Caring</i>