	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.	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	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 the environment.	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 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.
	Social Studies	Science	Social Studies	Science		
KG1	Central Idea Understanding myself and others helps me grow An inquiry into Perspective: Identifying myself (self awareness) and my surroundings Responsibility: Individual roles in my surroundings Connection: Recognizing similarities and differences between myself and others Related concepts: Relationships, identity, Roles Approaches to Learning: Self-management, social, communication Learner Profile: Balanced, Communicator, Principled,	Central Idea Living things have characteristics and features that are similar and different. An inquiry into Form: Living and non-living things Function: Features of living things Responsibility: How to take care of our environment and living things Related concepts: Living, non-living, characteristics, features Approaches to Learning: Thinking, research Learner Profile: Reflective, caring, Inquirer	Central Idea We can express our emotions creatively through different mediums An inquiry into Form: Creativity is expressed through stories, songs, dance and art Function: How we express our emotions Perspective: How can we appreciate the creativity of others Related concepts: expression, emotions, creativity Approaches to Learning: Thinking, Social Learner Profile: Open- Minded, risk-taker, knowledgeable,	Central Idea Through investigating, people develop theories (hypothesis/ wonderings) and come to new discoveries. An inquiry into Function: How people investigate Perspective: Developing theories through our investigations Causation: Discoveries we make through our investigations Related concepts: Investigations, theories, discoveries Approaches to Learning: Communication, thinking, Research Learner Profile: Inquirer, Thinker, knowledgeable, communicator		

	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 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 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.	How We Organize Ourselves An inquiry into the interconnectedness of humanmade systems and communities; the structure and function of organizations; societal decisionmaking; economic activities and their impact on humankind and the environment.	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.
	Social Studies: Civics and Geography	Science: Pushes and Pulls	Science: Life and the Environment	Science: Weather & Climate		
KG2	Central Idea Within a school community people have rights and responsibilities. An inquiry into Form: What makes school a community Function: The rights and responsibilities of myself and others in the school community Responsibility: How I can contribute to my school community Related concepts: Community, rights and responsibility, contributions Approaches to Learning: Social, self-management, communication Learner Profile: Reflective, principled, caring	Central Idea Scientists investigate and discovery how things work An inquiry into Form: different types of forces (push and pull) Causation: the effects of pushes and pulls on objects Function: Analyzing the speed and direction of a designed solution Related concepts: Force, effect, investigation Approaches to Learning: Research, thinking Learner Profile: Inquirer, knowledgeable, risk-taker	Central Idea Living things have needs in order to survive An inquiry into Function: The needs of living things in different environments Change: how plants and animals change the environment to meet their needs Responsibility: Solutions to promote the survival of living things in the environment Related concepts: Survival, living things, habitat Approaches to Learning: Research, thinking, communication Learner Profile: Knowledgeable, thinker, caring, balanced	Central Idea Being ready for Earth's changing weather is important An inquiry into Forms: Patterns of weather conditions in our world Causation: how changes in weather impact our lives Responsibility: designing solutions to protect the Earth from sun's heat Related concepts: Patterns, change, impact Approaches to Learning: Communication, Social Learner Profile: Open-minded, communicator rlsk-Taker		
Math	Numbers to ten	Number pairs, adding and subtracting of 10	Numbers 10-120 and counting to 100 Analyze, comparing and composing shapes	2-Dimensional and 3 Dimensional shapes Comparing of length, weight, capacity and numbers to 10		
Literacy	Reading: we are readers Writing: launching workshop	Reading: becoming avid readers Writing: Persuasive	Readers: Supper powers Writing: Show and tell	Reading: Bigger books bigger reading muscles Writing: How to		

	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 humanmade systems and communities; the structure and function of organizations; societal decision-making; economic activities and their impact on humankind and 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; pea.	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 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 the environment	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
	Moral Education	Science : the Earth in Space	Science: Life : structure and functions	Social Studies: History	Science: Light and sound	Social Studies: Culture
G1	Central Idea People's actions impact their relationship with others and the environment. An inquiry into Causation: How our actions impact relationships Function: Developing relationships and how we manage them respectfully Form: What our relationships with the community looks like Related concepts: Relationships, environment, actions, community Approaches to Learning: Communication, social, selfmanagement Learner Profile: Caring, principled, reflective	Central Idea The movement of the Earth and its relationship to the sun creates cycles all around us. An inquiry into Form: Earth's cycles follow predictable patterns Connection: Predicting patterns in sun, moon and stars Causation: sunlight affects on Earth's seasons Causation: How seasonal patterns impact our decision making Related concepts: Cycles, patterns, impact Approaches to Learning: Research, thinking Learner Profile: Knowledgeable, Inquirer, Thinker	Central Idea Plants and animals have structures and behaviors that help them survive An inquiry into Function: Patterns in behaviors between parents and offsprings Form: comparing young plants and animals to their parents Perspective: how nature can inspire solutions to human problems Related concepts: Behavior, Inheritance Approaches to Learning: Research, thinking Learner Profile: Communicator, reflective, knowledgeable	Central Idea Exploring personal and global stories provide us with perspective about the past and present An inquiry into Function: How historical sources tell us stories about the past Change: How has storytelling changed over time Perspective: How personal stories and experiences contribute to our understanding of history Related concepts: Sources, past Approaches to Learning: Communication, research, thinking Learner Profile: Thinker, communicator, openminded	Central Idea Investigating and understanding light and sound helps us understand the world around us An inquiry into Change: ways to manipulate light Function: sound and vibrations Connection: The interaction between light, sound, and materials to communicate Related concepts: Light, sound, properties Approaches to Learning: Thinking, research Learner Profile: Knowledgeable, communicator, reflective	Central Idea Communities create and share diverse cultural experiences and stories An inquiry into Connection: how stories, songs and art contribute to our culture Perspective: Cultural experiences from around the world and how they interact Responsibility: How our identity influences the way we interact with others and the world around us Related concepts: Culture, stories, identity Approaches to Learning: Social and Self-management Learner Profile: Balanced, open-mined, caring
Math	Add and subtract small numbers	Meet place value	Ad and subtract bigger numbers	Measure Length	Add an subtract to 100	Work with Shapes
Literacy	Reading: Fiction Writing: Foundational writing	Reading: Fiction Writing: narrative	Reading: Non-Fiction Writing: Informational	Reading: Non-Fiction Writing: Opinion	Reading: Non-fiction Writing: informational	Reading: Fiction Writing: Narrative

	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.	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.	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 the environment	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.
	Moral Education	Science: Biodiversity and ecosystems	Social Studies: Geography and Economy	Science: Matter and materials	Social Studies: Geography and History	Science: A changing Earth
G2	Central Idea Promoting a healthy body and mind can impact people's choices in the community. An inquiry into Form: what health and well balanced are Connection: The choices we make impact our health and well being Responsibility: how we can promote health and well being in our community Related concepts: Health, well being, choice, community Approaches to Learning: Social, self-management Learner Profile: Balanced, principled, communicator	Central Idea The importance of diversity in habitats and the needs of their inhabitants. An inquiry into Form: The diversity of plants and animals within different habitats Connection: Environmental needs of living things Function: Solving human problems through mimicking plants and animal Related concepts: Biodiversity, evidence, environment Approaches to Learning: Research, thinking Learner Profile: Inquirer, balanced, caring	Central Idea Our choices of goods and services reflect our personal interests and can be influenced by markets An inquiry into Form: The role of goods and services in the marketplace Connection: The connection between location and economic activities Causation: The process of creating and selling goods and services to express our passions Related concepts: Goods and services, marketplace, location, supply and demand Approaches to Learning: Self-management, communication, social Learner Profile: Knowledgeable, reflective, communicator	Central Idea Understanding the properties of materials and matter enables people to create and innovate An inquiry into Function: Materials and their properties Change: how materials interact and change Causation: materials can be reprised to create new objects Related concepts: Materials, properties, interactions Approaches to Learning: Thinking, research, communication Learner Profile: Inquirer, knowledgeable, risk- taker	Central Idea Exploration leads to discovery and develops new understandings An inquiry into Causation: reasons for exploration (historical and personal) and what we can learn from their explorations Perspective: discoveries from exploration and their impact on human civilization Function: how we use tools for navigation Related concepts: Exploration, discoveries, impact Approaches to Learning: Self-management, social, communication Learner Profile: Open-minded, reflective, risk-taker	Central Idea Earth's environment and it's every changing features An inquiry into Function: Earth's events can occur quickly and slowly and impact people and places Change: Understanding solutions that prevent Earth's land from changing Connection: the relationship between water, land and wind Related concepts: Change, relationship, Environment Approaches to Learning: Research, thinking, communication Learner Profile: Knowledgeable, caring thinkers
Math	Add and subtract friendly numbers & Explore length	Counting and place value	Add and subtract to solve	Add and subtract big numbers Equal groups	Equal groups & length, money, data	Shapes, times, fractions
Literacy	Reading: Fiction Writing: Narrative	Reading: Non-Fiction Writing: Informational	Reading: Fiction Writing: Opinion	Reading: Non Fiction Writing: Informational	Reading: Non-fiction/fiction Writing: Narratives	Reading: Non Fiction Writing: Opinion

	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.	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.	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 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 the environment
	Moral Education	Science: Weather and Climate	Science: Ecosystem change	Moral Education	Social Studies: Geography and history	Science: Forces and interactions
G3	Central Idea Exploring and understanding identity enables people to express who they are with others An inquiry into Form: what contributes to one's identity Connection: what is the connection between physical traits and identity Function: Culturally diverse societies impact individual behaviours Related concepts: Identity, trait, expression, diversity Approaches to Learning: Social, self-management, communication Learner Profile: Reflective, open-minded, balanced	Central Idea Change in weather and climate impact human societies in a variety of ways An inquiry into Function: the relationship between maps and physical weather patterns Connection: Climate and weather creates patterns globally and locally Responsibility: human made systems that reduce the impact from weather-related hazards Related concepts: Impact, conditions Approaches to Learning: Research, thinking Learner Profile: Knowledgeable, Thinker, Communicator	Central Idea Changes in a habitat can impact the survival of living things An inquiry into Change: How Organisms have unique life cycles Causation: Inheritance and variation of traits in plants and animals Causation: How traits in organisms can be influenced by environmental factors, impacting survival and reproduction. Responsibility: Solutions to environmental changes that affect the survival of organisms Related concepts: Environment, change, habitat Approaches to Learning: Research, Thinking Learner Profile: Caring, Reflective, Inquirer	Central Idea Characterization and storytelling can be expressed through performance. An inquiry into Function: how characterization and identity is expressed Connection: the connection between characterization and performance Perspective: how we use performance to express a story and characters Related concepts: Characterization, performance, expression Approaches to Learning: Communication, social Learner Profile: Communicator, principled, risk-taker	Central Idea Telling stories about migration can build understanding and empathy. An inquiry into Causation: what causes people to migrate Change: how migration impacts people, their homes and places Perspective: how storytelling about migration can build understanding and empathy Related concepts: Storytelling, migration, impact Approaches to Learning: Self-management, research, social Learner Profile: Open-minded, balanced, caring	Central Idea People apply their understanding of forces to solve problems An inquiry into Form: different types of forces Causation: The effects of force and motion on objects Responsibility: How our knowledge of forces and interactions helps us solve problems Related concepts: Interactions, forces, investigation Approaches to Learning: Thinking, research, communication Learner Profile: Inquirer, knowledgeable, thinker
Math	Measure it	Multiply and divide friendly numbers	Multiply and divide tricky numbers	Shapes and measurement	Fractions as numbers	Find Area Display data
Literacy	Reading: Fiction Writing: Narrative	Reading: Non-Fiction Writing: Informational	Reading: Fiction Writing: Opinion	Reading: Fiction Writing: Informational	Reading: Non-fiction Writing: Narrative	Reading: Non-Fiction Writing: Narrative

	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.	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 the environment	How We Organize Ourselves An inquiry into the interconnectedness of humanmade systems and communities; the structure and function of organizations; societal decision-making; economic activities and their impact on humankind and 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.	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.	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.
	Social Studies: Civics	Science: Waves & Information/Energy	Science: Earth: features and processes Energy	Science: Life Structures and senses	Social Studies: History	Social Studies: Civics
G4	Central Idea The beliefs and values of role models can be connected to their actions. An inquiry into Form: what traits make a role model Connection: how do the beliefs and values of people connect to their actions Function: how we can use our own beliefs and values to become role models Related concepts: Role models, beliefs and values, traits Approaches to Learning: Social, self-management Learner Profile: Balanced, risk-takers, principled	Central Idea Understanding how energy works helps us to respond to the needs of our society An inquiry into Form: the different forms and sources of energy Function: how energy transfers between objects Responsibility: how we use our understanding of energy to solve problems Responsibility: sources of energy and their impacts on the environment Related concepts: Energy, impact, sources Approaches to Learning: Self-management, Social Learner Profile: Knowledgeable, inquirer	Central Idea Changes in earth's landscapes impact the environment and the way people live their lives An inquiry into Form: identifying the Patterns of Earth's landscapes Causation: How environmental changes affect earth's landscape Responsibility: the decisions societies make to reduce the impacts of environmental changes Related concepts: Environment, patterns, affect Approaches to Learning: Research, thinking Learner Profile: Inquirer, caring, thinker	Central Idea Living things meet their needs through complex, interdependent systems An inquiry into Function: the structure and function for survival, growth, behavior, and reproduction Form:how animals sense, process and respond to information Connection: the interdependence of systems for growth and survival Related concepts: Systems, Interdependent, structure Approaches to Learning: Research, thinking Learner Profile: Knowledgeable, thinker	Central Idea Curating historical sources can provide a lens into the past and present. An inquiry into Causation: how significant events impact people and places (past/present) Function: how historical sources provide a lens into significant events Responsibility: curating significant events to share our perspective Related concepts: Sources, curation Approaches to Learning: Research, communication Learner Profile: Communicator, open-minded	Central Idea Governance systems and decision-making impact the rights of people An inquiry into Form: the structure of governance systems Causation: the impact of decision making on people within a system of governance Perspective: how and why people challenge governance decisions Related concepts: Governance, decision making, impact Approaches to Learning: Social, communication Learner Profile: Reflective, Knowledgeable, open-minded
Math	Add, subtract, round	Multiply nd divid big numbers	Construct lines, angles and shapes	Equivalent fractions	Decimal fractions	Multiply and measure
Literacy	Reading: Fiction Writing: Opinion	Reading: Non- Flction Writing: Informational	Reading: Mythology Writing: Narrative	Reading: Non-Fiction Writing: Informational	Reading: Historical fiction Writing: Narrative	Reading: Non-Fiction Writing: Opinion

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	Moral Education	Science: Matter: structure and properties	Science: Earth, space, and stars	Social Studies: economics	Science: Matter and energy in life/Earth: system and interactions	
G 5	Central Idea People develop strategies to manage changes throughout their lives. An inquiry into Change: The changes we go through in our lives (physical, spiritual, social, emotional) Causation: changes that can impact our relationships with others Responsibility: how to manage the changes we go through Related concepts: Manage, growth, relationships Approaches to Learning: Self-management, social Learner Profile: Reflective, balanced, Caring	Central Idea Humans use observations to gain insight into the natural world and it's laws An inquiry into Form: the properties of material and matter Function: observing, recording and measuring the properties of material and matter Change: how materials and matter interact and change Matter, Interaction, propertiesMatter, Interaction, properties Approaches to Learning: Communication, research Learner Profile: Inquirer, communicator, thinker	Central Idea The position of Earth in the universe gives us patterns to observe and understand An inquiry into Function: Earth and its place in the universe Connection: the effects of gravitational force Form: Patterns of daily changes of shadows and seasonal appearances of stars Related concepts: Patterns, change, impact Approaches to Learning: Thinking, communication Learner Profile: Knowledgeable, open-minded, communicator	Central Idea Understanding markets and economic decision-making leads to an awareness of global economies An inquiry into Form: structures and processes within markets Connection: Interdependence of local and global markets Causation: how incentives shape economic decisions Related concepts: Globalization, interdependence, markets Approaches to Learning: Thinking, communication Learner Profile: Knowledgeable, balanced, communicator	Central Idea Understanding Earth's subsystems and food webs can help maintain a balanced ecosystem An inquiry into Form: The flow of matter and energy within an ecosystems (food web) Connection: Earth's subsystems are (geosphere, biosphere, hydrosphere, atmosphere) interact Responsibility: Solutions to protect Earth's environment and maintain a balance Related concepts: Energy, systems, interdependence Approaches to Learning: Self-management, social Learner Profile: Principled, inquirer, risk-taker	The PYP Exhibition is an opportunity for students to inquire into an issue that they are passionate about. It is a chance for students to showcase all of their knowledge, skills, and understandings that they have acquired over their elementary education. It is a culmination of all of their past learning in the PYP. Students work collaboratively to design their units, choose their concepts, lines of inquiry, and their own way to exhibit their work to the Learning Community.
Math	Place value and decimal fractions	Base ten operations	Add and subtract fractions	Multiply and divide fractions and decimals	Volume, area	Coordinating planes
Literacy	Reading: fiction Writing: Narrative	Reading: Non-Fiction Writing: Informational	Reading: Fiction Writing: Fantasy	Reading: Non - Fiction Writing: Informational	Reading: Non Fiction Writing: Opinion	Reading: PYPX Writing: PYPX