Many Stars One Universe!

North Beach Elementary

IB/PYP World School

Programme of Inquiry

2022-2023

Themes	Who We Are	Where We Are in Place and Time	How We Express Ourselves	How the World Works	How We Organize Ourselves	Sharing the Planet
	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 orientation into place and time; personal histories; homes and journeys; the discoveries, explorations and migrations of human kind; the relationships between and the interconnectedness of individuals and civilizations from local and global perspectives.*	*An inquiry into the ways into 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 the natural world and its laws; the interaction between the nature world (physical and biological) and human societies; how humans use their understanding of scientific and technological advances on society and the environment.*	*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 human kind and the environment.*	*An inquiry into rights and responsibilities in the struggle to share finite resources with other living things, communities and the relationships within and between them; access to equal opportunities; peace and conflict resolutions.*
Pre-K						
Central Idea **Lines of Inquiry**	**We care about ourselves, our families and our classmates.** **Key Concepts** *Form, Connection, Reflection* **Related Concepts** *Behavior, identity, diversity, family* -How do we care for ourselves -Our caring families and our family life experiences -How de we care about our classmates		**Communication helps us make and keep friends.** **Key Concepts** *Causation, Connection, Responsibility* **Related Concepts** - Expressing our feelings with appropriate words and actions - Recognizing others' feelings by using kind actions and kind words - Communication helps us work together and solve problems.		**People in communities have different roles but work together.** **Key Concepts** *Function, Connection, Responsibility* **Related Concepts** - Community helpers and their different roles - How families work with community helpers. - How community helpers work together.	**We share the planet with other living things and our actions affect them.** **Key Concepts** *Change, Responsibility, Function* **Related Concepts** *Environment, weather, seasons, living things, sustainability* - Characteristics of living things - How human actions affect the environment - How human actions affect other living things.

Kindergarten	**Who We Are**	**Where We Are in Place and Time**	**How We Express Ourselves**	**How the World Works**	**How We Organize Ourselves**	**Sharing the Planet**
Central Idea **Lines of Inquiry**	**Families and relationships shape identities.** **Key Concepts** *Causation, Connection, Reflection* **Related Concepts** *Belief/Values, Identity, Family* - Nature of self - How we develop beliefs - How we develop values		**Stories can engage their audience and communicate feelings.** **Key Concepts** *Form, Perspective, Connection* **Related Concepts** *Behavior, Interaction, Perception* - Feelings that stories evoke - Writing can engage the reader - How to organize a story	**All living things go through a process of change.** **Key Concepts** *Change, Connection, Responsibility* **Related Concepts** *Cycle, Survival, Animals* - Patterns of growth - How living things change over their lifetime - Factors that influence life cycles	**Part of adapting to a new community is getting to know it, establishing new relationships and following rules and routines.** **Key Concepts** *Function*, *Responsibility, Interaction* **Related Concepts** ***Process, Interdependence, Cooperation, Adaptation, Laws and Rules, Rights and Responsibilities*** - Getting to know our school and how it works - Making friends and establishing relationships - Rules, routines and responsibilities	
First Grade	**Who We Are**	**Where We Are in Place and Time**	**How We Express Ourselves**	**How the World Works**	**How We Organize Ourselves**	**Sharing the Planet**
Central Idea **Lines of Inquiry**	**Individual rights and responsibilities vary within school communities and among cultures.** **Key Concepts** *Responsibility, Reflection, Connection* **Related Concepts** *Justice, Relationships, Behavior* - Similarities and differences between individuals in various school communities and among cultures -Rights in various school communities and among cultures -Responsibilities in various school communities and among cultures	**Exploration leads to discoveries, opportunities and new understandings.** **Key Concepts** *Change, Causation, Connection* **Related Concepts** *Progress, Adaptation, Innovation* - Exploration over time - The interconnectedness of exploration and technology - The discoveries of technology have led to world advances	**Across cultures, people share beliefs and creativity through art.** **Key Concepts** *Form, Reflection, Perspective* **Related Concepts** *Perception, Traditions, Symbolism* Function of art through time to celebrate and communicate - Similarities and differences of art forms from different cultures - How art can be interpreted through the senses	**Changes in the weather impact daily life.** **Key Concepts** *Change, Causation, Connection* **Related Concepts** *Sequencing, Adaptation, Relationships* - Weather patterns - Methods for predicting weather - Effects of weather on daily life	**Individuals interact and cooperate to enhance and build communities.** **Key Concepts** *Causation, Connection, Responsibility* **Related Concepts *Roles, Interdependence, Respect*** - The different jobs and roles performed in our community - Ways in which jobs and people are interconnected - My role as a member of a community	**All livings things share a responsibility to care for habitats.** **Key Concepts** *Form, Function, Change* **Related Concepts** *Ecosystem, Evolution, Survival* - Resources that habitats provide for living things - The common features of habitats - Consequences of human actions on habitats

Second Grade	Who We Are	Where We Are in Place and Time	How We Express Ourselves	How the World Works	How We Organize Ourselves	Sharing the Planet
Central Idea **Lines of Inquiry**	**Relationships with family and friends help develop conflict resolution skills.** **Key Concepts** *Form, Responsibility, Perspective* **Related Concepts** *Conflict, Cooperation, Relationships* - We all have relationships with other people - Conflict is part of daily life - Family and friends help support conflict resolution skills	**Learning about previous generations helps us understand the relationship between the past and present.** **Key Concepts** *Connection, Change* **Related Concepts** *Innovation, Exploration, History* - Ways to find out about the past - How aspects of the past still influence us today - Why some behaviors and practices have changed or remained the same over time	**Music allows us to express and reflect on our own uniqueness.** **Key Concepts** *Reflection, Connection, Perspective* **Related Concepts** *Music, Self-Expression, Poetry* - Music is all around us - Discovering personal interests through music - Self-expression through music	**The structural development of shelters around the world is influenced by environment and the human need to survive.** **Key Concepts** *Form, Function, Causation* **Related Concepts** *Weather, Landforms, Natural Resources* - Understanding the need for shelter - Recognizing different shelters based on environment - Effects of environmental changes on shelters	**People earn money and make decisions that influence spending to meet needs and wants.** **Key Concepts** *Function, Causation, Responsibility* **Related Concepts** *Producers, Consumers, Economics* - Supply and demand - Where money comes from - Needs versus wants and luxuries/spending, saving and donating - Goods and services -Identifying and comparing the U.S. dollar to money used in other countries around the world.	**The actions of producers and consumers within an ecosystem affect all living things** **Key Concepts** *Function, Causation, Connection* **Related Concepts** *Ecosystems, Producers, Consumers* - Producers and consumers - Food chains and adaptations - Producers and consumers co-exist in an ecosystem - Human effects on ecosystems

Third Grade	**Who We Are**	**Where We Are in Place and Time**	**How We Express Ourselves**	**How the World Works**	**How We Organize Ourselves**	**Sharing the Planet**
Central Idea **Lines of Inquiry**	**Proper nutrition, exercise, and personal hygiene contribute to our health and well-being.** **Key Concepts** *Responsibility, Connection, Reflection* **Related Concepts** *Health, Balance, Transformation* - The value of proper nutrition - The importance of self-awareness - Physical activity relates to our health	**Throughout time people have immigrated for many reasons which affect the way they view the world.** **Key Concepts** *Causation, Change, Perspective* **Related Concepts** *Migration, Immigration, Freedom, Citizenship* - The concept of immigration - Factors that make people immigrate - The impact of immigration on society.	**Individuality and imagination may be expressed in a variety of creative ways.** **Key Concepts** *Function, Perspective, Reflection* **Related Concepts** *Diversity, Roles, Innovation* - The arts as forms of expression - Imagination is used to express our individuality - Performing arts as a form of communication	**Changes in Earth and its atmosphere affect living things and their environments.** **Key Concepts Change**, *Causation, Connection* **Related Concepts** *Physical Environment, Natural Disasters, Landforms* - Why the Earth has changed and continues to change - Human responses to the Earth's changes - How human action affects the survival of living things and their environments.	**People create organizations to solve problems and support human endeavors and enterprises** **Key Concepts** *Function, Responsibility, Connection* **Related Concepts** *Cooperation, Beliefs, Needs/Wants* - The purpose of organizations - Why people join organizations - Strategies for problem solving - What makes an organization	**Reaching a resolution during periods of conflict is influenced by the actions and reactions of all involved.** **Key Concepts** *Perspective, Responsibility, Reflection* **Related Concepts** *Peace, Society, Relationships* - Causes of conflict - Human rights and equality - Strategies used to resolve conflict - Outcomes of resolutions

Fourth Grade	**Who We Are**	**Where We Are in Place and Time**	**How We Express Ourselves**	**How the World Works**	**How We Organize Ourselves**	**Sharing the Planet**
Central Idea **Lines of Inquiry**	**Cultural background impacts beliefs, values and actions.** **Key Concepts** *Connections, Perspective, Responsibility* **Related Concepts** *Culture, Migration* - Ways in which cultures relate to each other - Cultural interconnectedness - Beliefs, values and actions result from the interconnectedness of cultures	**Evidence of past civilizations can be used to make connections to present day societies.** **Key Concepts** *Connection, Causation, Change* **Related Concepts** *Location, Exploration* - Characteristics of civilizations and societies - Connections between past and present - How location and geography affect the members of a society - Implications for the future	**Written expression allows the author to convey ideas and meaning.** **Key Concepts** *Connection, Reflection, Perspective* **Related Concepts** *Emotion, Organization, Voice* - What stories can convey - Self-expression of personal ideas through the author's perspective -How writing is created and shared	**Materials can undergo changes that may provide challenges and benefits for society and the environment.** **Key Concepts** *Function, Change, Connection* **Related Concepts** *Matter, Properties, Environment* - States and properties of matter and materials - Processes that cause matter to change - How these changes impact the environment in both a positive and negative way	**The structure and function of Governments impact people** **Key Concepts** *Causation, Function, Perspective* **Related Concepts** *Laws/Rules, Systems* - Structure of local and state government - Function of local and state government throughout the world. - How local and state leaders impact society	**The Earth provides people with resources which must be cared for responsibly.** **Key Concepts** *Change, Reflection, Responsibility* **Related Concepts** *Conservation, Resources, Energy* - Renewable and non-renewable resources of the Earth - Responsibility using natural resources as a source of energy -The responsible use of alternative resources

Fifth Grade	**Who We Are**	**Where We Are in Place and Time**	**How We Express Ourselves**	**How the World Works**	**How We Organize Ourselves**	**Sharing the Planet**
Central Idea **Lines of Inquiry**	**Beliefs, cultures, and relationships define us as individuals and our perspective to rights and responsibilities as human beings.** **Key Concepts** *Perspective, Responsibility, Reflection* **-**Rights and responsibilities of global citizens -Personal beliefs and their effect on views and identity -Interactions among cultures in society	**Human migration is a response to conflict, challenges, risks and opportunities.** **Key Concepts** *Change, Causation, Connection* **Related Concepts** *Revolution, Settlement patterns, Conflict* - Migration throughout history - Causes of migration - Local/global effects of migration -Modes of transportation that impact migration	**To live a balanced lifestyle, one should strive to be open-minded to beauty, nature and art.** **Key Concepts** *Reflections, Connection, Perspective* **Related Concepts** *Self Expression, Emotion* - The importance of a balanced lifestyle - The emotional relationship between self-expression, uniqueness, and beauty **-**Expressing one's individuality through different forms of art - Finding balance through nature and beauty	**The evolution of technology within society develops an understanding of scientific principles.** **Key Concepts** *Function, Change, Causation* **Related Concepts** *Change, Relationships* -The role of technology in scientific understanding -The positive and negative effects of the evolution of technology in society -The effects of scientific advances on people and the environment -Causes that lead to the advancements of scientific knowledge and understanding.	**Economic and environmental systems interact as they impact global communities.** **Key Concepts** *Responsibility, Change, Perspective* **Related Concepts** *Economics, Values, Growth* -How values promote economic growth in society and investment in the environment -Supply and demand affect economy -impact of environmental systems on the economy -evaluate relief organizations and how they help rebuild affected environments and economies	**Exhibition Unit**