



# International School of Nanshan Shenzhen

## 2020-2021 Programme of Inquiry

G R A D E S	<b>WHO WE ARE</b>  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.	<b>HOW WE EXPRESS OURSELVES</b>  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.	<b>HOW THE WORLD WORKS</b>  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.	<b>HOW WE ORGANIZE OURSELVES</b>  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.	<b>WHERE WE ARE IN PLACE AND TIME</b>  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 civilization, from local and global perspectives	<b>SHARING THE PLANET</b>  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.
K3	<b>Unit Title:</b> Learning Through Play  <b>Central Idea:</b> Play helps us to build <b>relationships</b> and learn new <b>skills</b> .  <b>Lines of inquiry:</b> An inquiry into 1. Skills that help us play 2. Choices we can make in play 3. Relationships through play  <b>Key Concepts:</b> Function Responsibility Causation  <b>Related Concepts:</b>	<b>Unit Title:</b> The Arts  <b>Central Idea:</b> We can <b>express</b> our <b>creativity</b> and <b>imagination</b> through the <b>arts</b>  <b>Lines of inquiry:</b> An inquiry into 1. Different forms of art 2. Different tools and materials we use for arts 3. Our feelings and self-expression  <b>Key Concepts:</b> Form Function Perspective	<b>Unit Title:</b> Forces  <b>Central Idea:</b> <b>Forces</b> are all around us and they follow <b>rules</b> when interacting with <b>objects</b> .  <b>Lines of inquiry:</b> An inquiry into 1. Different kinds of forces 2. How objects move 3. Forces in the real world  <b>Key Concepts:</b> Form Causation Connection		<b>Unit Title:</b> The Universe  <b>Central Idea:</b> <b>Space exploration</b> helps us understand <b>Earth's</b> place in the <b>Universe</b>  <b>Lines of inquiry:</b> An inquiry into 1. Objects in Space 2. Day and night 3. The planet we live in  <b>Key Concepts:</b> Form Change Connection  <b>Related Concepts:</b> Motion	

	<p>Learning Spaces Behavior Friendship Communication</p> <p><b>ATL's:</b> Self-Management Skills Social Skills</p> <p><b>Learner Profile Attributes:</b> Caring Principled</p> <p><b>Subject Integration:</b> PE (Full Integration) Music Art (Dance, Drama, Visual Arts) Mandarin Math (Year-Round Integration) Literacy (Year-Round Integration)</p> <p><b>Action Focus:</b> Participation</p>	<p><b>Related Concepts:</b> Emotions Movement Appreciation Communication</p> <p><b>ATL's:</b> Communication Skills</p> <p><b>Learner Profile Attributes:</b> Risk-Takers Open-Minded</p> <p><b>Subject Integration:</b> Music Art (Dance, Drama, Visual Arts) Mandarin Math (Year-Round Integration) Literacy (Year-Round Integration)</p> <p><b>Action Focus:</b> Participation</p>	<p><b>Related Concepts:</b> Interaction Attraction and Repulsion Movement Speed and Direction</p> <p><b>ATL's:</b> Thinking Skills</p> <p><b>Learner Profile Attributes:</b> Thinkers Inquirers</p> <p><b>Subject Integration:</b> PE (Full Integration) Art (Dance) Mandarin Math (Year-Round Integration) Literacy (Year-Round Integration)</p> <p><b>Action Focus:</b> Participation</p>		<p>Cycles Living and Non-Living Things Habitat</p> <p><b>ATL's:</b> Research Skills</p> <p><b>Learner Profile Attributes:</b> Knowledgeable Caring</p> <p><b>Subject Integration:</b> Mandarin Math (Year-Round Integration) Literacy (Year-Round Integration)</p> <p><b>Action Focus:</b> Lifestyle Choices</p>	
K4	<p><b>Unit Title:</b> Our Senses</p> <p><b>Central Idea:</b> <b>People</b> can <b>learn</b> about themselves and their <b>surroundings</b> by using their <b>senses</b></p> <p><b>Lines of inquiry:</b> An inquiry into 1.Our senses 2.How we use our senses to explore 3.The importance of our five senses</p> <p><b>Key Concepts:</b> Form Function Change</p> <p><b>Related Concepts:</b> Organs</p>	<p><b>Unit Title:</b> Play</p> <p><b>Central Idea:</b> <b>Ideas</b> and <b>feelings</b> can be <b>expressed</b> through <b>play</b></p> <p><b>Lines of inquiry:</b> An inquiry into 1.Communication through play 2.Imagination in Play 3.Using different forms of play to express ourselves</p> <p><b>Key Concepts:</b> Responsibility Perspective Connection</p> <p><b>Related Concepts:</b> Skill Interaction Creativity</p>	<p><b>Unit Title:</b> Light</p> <p><b>Central Idea:</b> Exploring <b>light</b> from different <b>sources</b> enables us to <b>discover</b> how it works</p> <p><b>Lines of inquiry:</b> An inquiry into 1.Different sources of light 2.How does light change 3.Importance of light</p> <p>Key Concepts: Form Causation Connection</p> <p><b>Related Concepts:</b> Properties Transformation Conservation Heat</p>			<p><b>Unit Title:</b> Plants</p> <p><b>Central Idea:</b> <b>Plants</b> are important for the <b>planet</b> and for our lives</p> <p><b>Lines of inquiry:</b> An inquiry into 1.Caring for plants 2.How plants contribute to life on Earth 3.Products obtained from plants</p> <p><b>Key Concepts:</b> Responsibility Connection Function</p> <p><b>Related Concepts:</b> Living and Non-Living Things Habitat Growth</p>

	<p>Well-Being Safety Adaptation</p> <p><b>ATL's:</b> Thinking Skills</p> <p><b>Learner Profile Attributes:</b> Communicator Reflective Balanced</p> <p><b>Subject Integration:</b> Music Library Art (Visual Arts) Math Literacy (Year-Round Integration) Mandarin (Full Integration)</p> <p><b>Action Focus:</b> Participation</p>	<p>Discovery</p> <p><b>ATL's:</b> Self-Management Skills Social Skills</p> <p><b>Learner Profile Attributes:</b> Open-Minded Inquirer Risk-Taker</p> <p><b>Subject Integration:</b> PE (Full Integration) Music Library Art (Dance, Drama, Visual Arts) Math Literacy (Year-Round Integration) Mandarin (Partial Integration)</p> <p><b>Action Focus:</b> Participation</p>	<p><b>ATL's:</b> Research Skills Thinking Skills</p> <p><b>Learner Profile Attributes:</b> Inquirers Thinkers Knowledgeable</p> <p><b>Subject Integration:</b> Library Literacy (Year-Round Integration) Mandarin (Full Integration)</p> <p><b>Action Focus:</b> Participation</p>			<p>Life Cycles</p> <p><b>ATL's:</b> Research Skills</p> <p><b>Learner Profile Attributes:</b> Caring Principled Knowledgeable</p> <p><b>Subject Integration:</b> Library Math Literacy (Year-Round Integration) Mandarin (Partial Integration)</p> <p><b>Action Focus:</b> Participation Lifestyle Choices</p>
K5	<p><b>Unit Title:</b> This Is Me</p> <p><b>Central Idea:</b> <b>Relationships</b> are important for our <b>well-being</b> and are built with <b>respect</b> and <b>care</b></p> <p><b>Lines of inquiry:</b> An inquiry into 1.Relationships in our lives 2.Roles and responsibilities in a relationship 3.How our words and actions change relationships</p> <p><b>Key Concepts:</b> Form Responsibility Change</p> <p><b>Related Concepts:</b> Family Roles Behavior Choice</p>	<p><b>Unit Title:</b> Imagination</p> <p><b>Central Idea:</b> The <b>creative process</b> helps us to <b>communicate</b> and <b>express</b> our <b>imagination</b></p> <p><b>Lines of inquiry:</b> An inquiry into 1.Different ways we express our imagination 2.Connection between props and imagination 3.Dramatic performances</p> <p><b>Key Concepts:</b> Form Connection Perspective</p> <p><b>Related Concepts:</b> Creativity Emotions Characters Materials</p>	<p><b>Unit Title:</b> Materials</p> <p><b>Central Idea:</b> Understanding how <b>materials behave</b> in their <b>natural state</b> and under certain <b>conditions</b> enables us to use them in different ways</p> <p><b>Lines of inquiry:</b> An inquiry into 1.States of matter 2.Different types of materials 3. Properties of materials</p> <p><b>Key Concepts:</b> Change Form Function</p> <p><b>Related Concepts:</b> Transformation Temperature Shape Texture</p>			<p><b>Unit Title:</b> Water</p> <p><b>Central Idea:</b> People can choose to take <b>action</b> in order to <b>conserve</b> and <b>share water</b> with all living things</p> <p><b>Lines of inquiry:</b> An inquiry into 1.Availability of water 2.How humans affect water 3.Conservation of water</p> <p><b>Key Concepts:</b> Connection Causation Responsibility</p> <p><b>Related Concepts:</b> Needs and Wants Consumption Pollution Habitat Choice</p>

	<p><b>ATL's:</b> Self-Management Skills Social Skills</p> <p><b>Learner Profile Attributes:</b> Caring Principled Communicators</p> <p><b>Subject Integration:</b> Music PE Math Mandarin Literacy</p> <p><b>Action Focus:</b> Participation</p>	<p><b>ATL's:</b> Social Skills Thinking Skills</p> <p><b>Learner Profile Attributes:</b> Thinkers Open-Minded Communicators</p> <p><b>Subject Integration:</b> Art Music PE Math Mandarin Literacy</p> <p><b>Action Focus:</b> Participation</p>	<p><b>ATL's:</b> Research Skills Thinking Skills</p> <p><b>Learner Profile Attributes:</b> Knowledgeable Risk-Taker</p> <p><b>Subject Integration:</b> Art Music Math Mandarin Literacy</p> <p><b>Action Focus:</b> Participation</p>			<p><b>ATL's:</b> Research Skills Communication Skills</p> <p><b>Learner Profile Attributes:</b> Inquirers Balanced Reflective</p> <p><b>Subject Integration:</b> Math Mandarin Literacy</p> <p><b>Action Focus:</b> Lifestyle Choices</p>
<b>G1</b>	<p><b>Unit Title:</b> Who We Are As Learners</p> <p><b>Central Idea:</b> People can acquire many <b>skills</b> and <b>reflect</b> on their <b>learning</b></p> <p><b>Lines of inquiry:</b> An inquiry into 1.Our behaviors as learners 2.Our learning mindsets 3.Skills that help us learn</p> <p><b>Key Concepts:</b> Causation Responsibility Connection</p> <p><b>Related Concepts:</b> Relationships Consequences Choices Interactions</p> <p><b>ATL's:</b> Self-Management Skills Thinking Skills</p> <p><b>Learner Profile Attributes:</b></p>	<p><b>Unit Title:</b> Stories</p> <p><b>Central Idea:</b> <b>Stories</b> are told to <b>entertain</b> others</p> <p><b>Lines of inquiry:</b> An inquiry into 1.Different kinds of stories 2.Different elements of a story 3.How stories are told in different ways</p> <p><b>Key Concepts:</b> Connection Form Perspective</p> <p><b>Related Concepts:</b> Creativity Organization Process Audience</p> <p><b>ATL's:</b> Communication Skills</p> <p><b>Learner Profile Attributes:</b></p>	<p><b>Unit Title:</b> Earth and Natural Events</p> <p><b>Central Idea:</b> Natural <b>disasters change</b> our <b>Earth</b> and <b>environment</b></p> <p><b>Lines of inquiry:</b> An inquiry into 1.Natural disasters 2.Events on earth and natural disasters 3.How communities respond to their changing environment</p> <p><b>Key Concepts:</b> Form Causation Responsibility</p> <p><b>Related Concepts:</b> Force Erosion Geology Safety</p> <p><b>ATL's:</b> Thinking Skills</p>	<p><b>Unit Title:</b> Communities</p> <p><b>Central Idea:</b> A <b>community</b> is a shared space where members work towards a common <b>purpose</b></p> <p><b>Lines of inquiry:</b> An inquiry into 1.Different types of communities 2.How communities meet the needs of its members 3. Services needed to support a community</p> <p><b>Key Concepts:</b> Form Function Connection</p> <p><b>Related Concepts:</b> Roles Systems Relationships Rules</p> <p><b>ATL's:</b></p>	<p><b>Unit Title:</b> Homes</p> <p><b>Central Idea:</b> <b>Homes</b> may <b>change</b> depending on various factors</p> <p><b>Lines of inquiry:</b> An inquiry into 1.Different homes 2.Features of homes past and present 3.Factors that influence where people live</p> <p><b>Key Concepts:</b> Form Change Causation</p> <p><b>Related Concepts:</b> Location History Technology Needs and Wants</p> <p><b>ATL's:</b> <b>Research Skills</b> <b>Thinking Skills</b></p>	<p><b>Unit Title:</b> Living Things</p> <p><b>Central Idea:</b> <b>Living things</b> are <b>dependent</b> on each other and the <b>environment</b></p> <p><b>Lines of inquiry:</b> An inquiry into 1.Classification of living things 2.How living things change 3.Connection through food chains</p> <p><b>Key Concepts:</b> Form Change Connection</p> <p><b>Related Concepts:</b> Properties Cycles Transformation Survival</p> <p><b>ATL's:</b> Research Skills</p> <p><b>Learner Profile Attributes:</b></p>

	<p>Principled Risk-Takers</p> <p><b>Subject Integration:</b> PE (Full) Art Math</p> <p><b>Action Focus:</b> Participation Lifestyle Choices</p>	<p>Communicators Thinkers</p> <p><b>Subject Integration:</b> Music Art Literacy Mandarin</p> <p><b>Action Focus:</b> Participation</p>	<p><b>Learner Profile Attributes:</b> Balanced Reflective</p> <p><b>Subject Integration:</b> Literacy Math</p> <p><b>Action Focus:</b> Social Entrepreneurship</p>	<p>Social Skills Communication Skills</p> <p><b>Learner Profile Attributes:</b> Communicators Balanced</p> <p><b>Subject Integration:</b> PE Music Art Math Literacy</p> <p><b>Action Focus:</b> Advocacy Social Justice</p>	<p><b>Learner Profile Attributes:</b> Open-Minded Inquirers</p> <p><b>Subject Integration:</b> Math</p> <p><b>Action Focus:</b> Participation</p>	<p>Reflective Knowledgeable</p> <p><b>Subject Integration:</b> Math Mandarin Literacy</p> <p>Action Focus: <b>Social Justice</b></p>
G2	<p><b>Unit Title:</b> Healthy Lifestyle</p> <p><b>Central Idea:</b> Making <b>balanced choices</b> about daily <b>routines</b> enables us to have a <b>healthy lifestyle</b></p> <p><b>Lines of inquiry:</b> An inquiry into: 1. Components of a healthy lifestyle 2. The Connection between wellness and hygiene 3.Changes we can make in our lifestyle</p> <p><b>Key Concepts:</b> Form Connection Responsibility</p> <p><b>Related Concepts:</b> Relationships Emotions Nutrition Fitness</p> <p><b>ATL's:</b> <b>Social Skills</b> <b>Self-Management Skills</b></p> <p><b>Learner Profile Attributes:</b></p>	<p><b>Unit Title:</b> Communication</p> <p><b>Central Idea:</b> Effective <b>communication</b> enables us to <b>express</b> ourselves and build <b>relationships</b></p> <p>Lines of inquiry: An inquiry into 1.The role of signs and symbols 2.Ways people share and express ideas 3.Languages around the world</p> <p>Key Concepts: Function Perspective Connection</p> <p><b>Related Concepts:</b> Interaction Messages Expression Symbols</p> <p><b>ATL's:</b> <b>Communication Skills</b></p>	<p><b>Unit Title:</b> Science Everywhere</p> <p><b>Central Idea:</b> <b>Investigation</b> and <b>experimentation</b> enable us to understand the world around us</p> <p><b>Lines of inquiry:</b> An inquiry into 1.The processes involved with the scientific method 2.Connection between science and invention 3.Science in the real world</p> <p><b>Key Concepts:</b> Form Change Connection</p> <p><b>Related Concepts:</b> Prediction Process Transformation Discovery</p> <p><b>ATL's:</b> Thinking Skills Self-Management Skills</p>	<p><b>Unit Title:</b> Transportation</p> <p><b>Central Idea:</b> <b>Transportation Systems</b> vary based on the <b>environment</b> and <b>needs</b> of the <b>community</b></p> <p><b>Lines of inquiry:</b> An inquiry into 1.How transportation is organized 2. Access to transportation 3. Connection between goods and services</p> <p><b>Key Concepts:</b> Function Perspective Connection</p> <p><b>Related Concepts:</b> System Organization Distribution Consequences</p> <p><b>ATL's:</b> Thinking Skills</p> <p><b>Learner Profile Attributes:</b> Inquirers</p>	<p><b>Unit Title:</b> Maps</p> <p><b>Central Idea:</b> <b>Maps</b> present information that allow us to <b>explore</b> and <b>discover</b> the world</p> <p><b>Lines of inquiry:</b> An inquiry into 1.Physical features on a map 2.Different kinds of map 3.The evolution of maps</p> <p><b>Key Concepts:</b> Function Form Change</p> <p><b>Related Concepts:</b> Location Exploration Geography Landforms</p> <p><b>ATL's:</b> Thinking Skills Research Skills</p> <p><b>Learner Profile Attributes:</b> Thinkers Risk-Takers</p>	<p><b>Unit Title:</b> Insects</p> <p><b>Central Idea:</b> <b>Insects</b> provide many services to humans and the <b>environment</b> in different ways</p> <p><b>Lines of inquiry:</b> An inquiry into 1.Products derived from insects 2.Role of insects in nature 3. Interactions between humans and insects</p> <p><b>Key Concepts:</b> Connection Function Responsibility</p> <p><b>Related Concepts:</b> Biodiversity Adaptation Endangered Extinct Interdependence</p> <p><b>ATL's:</b> <b>Research Skills</b></p> <p><b>Learner Profile Attributes:</b> Principled</p>

	<p>Balanced Reflective</p> <p><b>Subject Integration:</b> PE Math</p> <p><b>Action Focus:</b> Lifestyle Choices</p>	<p><b>Learner Profile Attributes:</b> Open-Minded Communicators</p> <p><b>Subject Integration:</b> PE Music Art Mandarin Math Literacy</p> <p><b>Action Focus:</b> Participation</p>	<p><b>Learner Profile Attributes:</b> Inquirers Knowledgeable</p> <p><b>Subject Integration:</b> Math</p> <p><b>Action Focus:</b> Participation Advocacy</p>	<p>Thinkers</p> <p><b>Subject Integration:</b> Math</p> <p><b>Action Focus:</b> Social Entrepreneurship</p>	<p><b>Subject Integration:</b> Math Music Library (Research Skills)</p> <p><b>Action Focus:</b> Participation</p>	<p>Caring</p> <p><b>Subject Integration:</b> Art Mandarin Literacy</p> <p><b>Action Focus:</b> Social Justice Advocacy</p>
<b>G3</b>	<p><b>Unit Title:</b> Active Citizens</p> <p><b>Central Idea:</b> Active <b>citizens advocate</b> for the <b>rights</b> of others</p> <p><b>Lines of inquiry:</b> An inquiry into: 1. Children’s rights around the world. 2. The impact when children’s rights aren’t respected 3. Actions that promote change</p> <p><b>Key Concepts:</b> Connection Causation Responsibility</p> <p><b>Related Concepts:</b> Advocacy Equality Human Rights Choice Consequences</p> <p><b>ATL’s:</b> <b>Social Skills</b> <b>Self-Management Skills</b></p> <p><b>Learner Profile Attributes:</b> Caring Risk Takers</p> <p><b>Subject Integration:</b></p>	<p><b>Unit Title:</b> Media</p> <p><b>Central Idea:</b> <b>Media</b> can be used to <b>persuade</b> people</p> <p><b>Lines of inquiry:</b> An inquiry into: 1. Messages in the media 2. Tactics used to persuade 3. Responding critically to media</p> <p><b>Key Concepts:</b> Form Perspective Function</p> <p><b>Related Concepts:</b> Manipulation Motivation Visual Text Audience Aesthetics</p> <p><b>ATL’s:</b> <b>Thinking Skills</b> <b>Communication Skills</b></p> <p><b>Learner Profile Attributes:</b> Knowledgeable Thinkers</p> <p><b>Subject Integration:</b> MUSIC</p>	<p><b>Unit Title:</b> Structures</p> <p><b>Central Idea:</b> The <b>design</b> of <b>structures</b> depends on the <b>location</b> and <b>purpose</b></p> <p><b>Lines of inquiry:</b> An inquiry into: 1. Designing structures 2. Building Strong &amp; Stable Structures 3. Sustainable Cities</p> <p><b>Key Concepts:</b> Function Form Change</p> <p><b>Related Concepts:</b> Properties Shape Materials Balance (symmetry) Environment Aesthetics</p> <p><b>ATL’s:</b> <b>Thinking Skills</b> <b>Research Skills</b></p> <p><b>Learner Profile Attributes:</b> Inquirers Knowledgeable</p>	<p><b>Unit Title:</b> Production</p> <p><b>Central Idea:</b> <b>Production, distribution</b> and <b>consumption</b> of <b>products</b> <b>impacts</b> the <b>environment</b></p> <p><b>Lines of inquiry:</b> An inquiry into: 1. The process of production, distribution, &amp; consumption 2. The environmental impact of consumer choices 3. Actions we can take as consumers</p> <p><b>Key Concepts:</b> Change Connection Responsibility</p> <p><b>Related Concepts:</b> Resources Supply &amp; Demand Process Sustainability Behavior Renewable/non-renewable</p> <p><b>ATL’s:</b> <b>Thinking Skills</b></p> <p><b>Learner Profile Attributes:</b> Balanced Principled</p>	<p><b>Unit Title:</b> Migration</p> <p><b>Central Idea:</b> Human <b>migration</b> involves <b>challenges</b> and <b>opportunities</b></p> <p><b>Lines of inquiry:</b> An inquiry into: 1. Reasons people migrate 2. The effects of migration 3. People’s perspectives on migration</p> <p><b>Key Concepts:</b> Causation Connection Perspective</p> <p><b>Related Concepts:</b> Diversity Conflict Stereotype Misconception Adversity Assimilation</p> <p><b>ATL’s:</b> <b>RESEARCH SKILLS</b></p> <p><b>Learner Profile Attributes:</b> Reflective Open Minded</p> <p><b>Subject Integration:</b></p>	<p><b>Unit Title:</b> Sharing the Planet</p> <p><b>Central Idea:</b> <b>Ecosystems</b> have important <b>relationships</b> that <b>sustain life</b></p> <p><b>Lines of inquiry:</b> An inquiry into: 1. Ecosystems, biomes &amp; the environment 2. The components of a healthy ecosystem 3. Adaptations to changes in an ecosystem</p> <p><b>Key Concepts:</b> Connection Causation Responsibility</p> <p><b>Related Concepts:</b> Systems Habitat Extinction Balance Survival Evolution</p> <p><b>ATL’s:</b> <b>COMMUNICATION SKILLS</b> <b>RESEARCH SKILLS</b></p> <p><b>Learner Profile Attributes:</b></p>

	<p>MANDARIN MATH</p> <p><b>Action Focus:</b> Social Justice Advocacy</p>	<p>ART</p> <p><b>Action Focus:</b> Social Entrepreneurship</p>	<p><b>Subject Integration:</b> PE MANDARIN ART MATH</p> <p><b>Action Focus:</b> Participation</p>	<p><b>Subject Integration:</b> N/A</p> <p><b>Action Focus:</b> Lifestyle Choices</p>	<p>MATH</p> <p><b>Action Focus:</b> Advocacy</p>	<p>Caring Communicators</p> <p><b>Subject Integration:</b> MUSIC</p> <p><b>Action Focus:</b> Participation</p>
G4	<p><b>Unit Title:</b> Challenges</p> <p><b>Central Idea:</b> Challenges can impact the way we make choices in the future</p> <p><b>Lines of inquiry:</b> An inquiry into: 1. The misconceptions of easy success 2. Challenges we face as humans 3. The outcomes of failure</p> <p><b>Key Concepts:</b> Perspective Connection Responsibility</p> <p><b>Related Concepts:</b> Identity Ownership Idealism Growth Goal</p> <p><b>ATL's:</b> <b>Self-Management Skills</b></p> <p><b>Learner Profile Attributes:</b> Balanced Thinker</p> <p><b>Subject Integration:</b> ART MUSIC PE</p> <p><b>Action Focus:</b> Participation Lifestyle Choices</p>	<p><b>Unit Title:</b> Human Expression</p> <p><b>Central Idea:</b> Throughout history, people have interacted with each other and communicated using the arts</p> <p><b>Lines of inquiry:</b> An inquiry into: 1. How people communicate and provide information through the arts 2. The role of the arts in different cultures, places and times 3. Development of art forms over time</p> <p><b>Key Concepts:</b> Form Function Change</p> <p><b>Related Concepts:</b> Expression Symmetry Symbols Audience Inspiration Intent</p> <p><b>ATL's:</b> <b>Communication Skills</b></p> <p><b>Learner Profile Attributes:</b> Communicator Open Minded</p> <p><b>Subject Integration:</b> ART</p>	<p><b>Unit Title:</b> Technology Rocks (Mini PYPX)</p> <p><b>Central Idea:</b> Advancements in technologies allow us to understand our universe</p> <p><b>Lines of inquiry:</b> Students will create their own lines of inquiry</p> <p><b>Key Concepts:</b> Students will select their own key concepts.</p> <p><b>Related Concepts:</b> Students will select their own related concepts.</p> <p><b>ATL's:</b> Students will select their own ATL's</p> <p><b>Learner Profile Attributes:</b> Students will select their own learner profile attributes.</p> <p><b>Subject Integration:</b> N/A</p> <p><b>Action Focus:</b> Students will select their own action but there will be an emphasis on the following: Lifestyle Choices Social Entrepreneurship</p>	<p><b>Unit Title:</b> Crisis</p> <p><b>Central Idea:</b> Communities have developed ways of organizing themselves to respond to crisis.</p> <p><b>Lines of inquiry:</b> An inquiry into: 1. Human created crisis (personal, local, and global crisis) 2. Ways of preparing for and responding to crisis 3. The role of organizations during a crisis</p> <p><b>Key Concepts:</b> Function Causation Responsibility</p> <p><b>Related Concepts:</b> Peace/Conflict Volunteer Choice Interdependence Systems Resources</p> <p><b>ATL's:</b> <b>THINKING SKILLS</b></p> <p><b>Learner Profile Attributes:</b> Caring Reflective</p> <p><b>Subject Integration:</b> N/A</p>	<p><b>Unit Title:</b> Exploration</p> <p><b>Central Idea:</b> Exploration leads to discoveries and new understandings</p> <p><b>Lines of inquiry:</b> An inquiry into: 1. The motivation for exploration 2. The impact of exploration 3. Navigational tools over time</p> <p><b>Key Concepts:</b> Causation Perspective Change</p> <p><b>Related Concepts:</b> Wealth Power Consequences Tools Resources Geography Orientation</p> <p><b>ATL's:</b> <b>RESEARCH SKILLS</b></p> <p><b>Learner Profile Attributes:</b> Inquirer Risk Taker</p> <p><b>Subject Integration:</b> ART MATH</p> <p><b>Action Focus:</b> Advocacy</p>	<p><b>Unit Title:</b> Resources</p> <p><b>Central Idea:</b> People's use of resources impacts the Environment.</p> <p><b>Lines of inquiry:</b> An inquiry into: 1. Finite and infinite resources 2. Environmental impact of (human) economic activity 3. Future implications of finite resources</p> <p><b>Key Concepts:</b> Function Change Responsibility</p> <p><b>Related Concepts:</b> Consumption Conservation Classification Properties Sustainability Economy</p> <p><b>ATL's:</b> <b>SOCIAL SKILLS</b></p> <p><b>Learner Profile Attributes:</b> Knowledgeable Principled</p> <p><b>Subject Integration:</b> MATH</p> <p><b>Action Focus:</b> Social Entrepreneurship</p>

		MUSIC PE MATH  <b>Action Focus:</b> Participation		<b>Action Focus:</b> Advocacy		
<b>G5</b>	<b>Unit Title:</b> Adolescence  <b>Central Idea:</b> Young people <b>experience</b> many <b>changes</b> before <b>adulthood</b>  <b>Lines of inquiry:</b> An inquiry into: 1. The function of human body systems 2. Natural changes during puberty 3. Choices that impact our well-being (mental, physical, spiritual health as well)  <b>Key Concepts:</b> Function Change Responsibility  <b>Related Concepts:</b> Biology Anatomy Wellbeing Organs Nutrition  <b>ATL's:</b> <b>RESEARCH SKILLS</b> <b>SOCIAL SKILLS</b>  <b>Learner Profile Attributes:</b> Balanced Reflective  <b>Subject Integration:</b> PSPE MANDARIN MATH  <b>Action Focus:</b> Lifestyle Choices	<b>PYP Exhibition</b>	<b>Unit Title:</b> Simple Machines  <b>Central Idea:</b> <b>Energy</b> may be <b>converted, transformed,</b> and <b>used</b> to support human <b>progress</b>  <b>Lines of inquiry:</b> An inquiry into: 1. Different forms of energy 2. Connection between simple machines & energy 3. The process involved in creating inventions  <b>Key Concepts:</b> Function Connection Causation  <b>Related Concepts:</b> Potential Kinetic Force Friction Transformation  <b>ATL's:</b> <b>THINKING SKILLS</b>  <b>Learner Profile Attributes:</b> Thinker Communicator  <b>Subject Integration:</b> MATH  <b>Action Focus:</b> Social Entrepreneurship	<b>Unit Title:</b> Governance  <b>Central Idea:</b> <b>Governing bodies influence</b> the lives of their <b>citizens.</b>  <b>Lines of inquiry:</b> An inquiry into: 1. Forms of government 2. The roles & responsibilities of the government 3. Responsibility of citizens societal decision-making  <b>Key Concepts:</b> Form Responsibility Perspective  <b>Related Concepts:</b> Rights Process Persuasion Power Citizenship  <b>ATL's:</b> <b>SOCIAL SKILLS</b> <b>COMMUNICATION</b>  <b>Learner Profile Attributes:</b> Principled Risk-taker  <b>Subject Integration:</b> MUSIC MATH  <b>Action Focus:</b> Advocacy	<b>Unit Title:</b> Ancient Civilizations  <b>Central Idea:</b> The <b>development</b> of <b>human society</b> stems from the <b>contributions</b> of <b>civilizations</b>  <b>Lines of inquiry:</b> An inquiry into: 1. Archaeological discoveries and timelines 2. Ancient civilizations 3. The legacy of ancient societies  <b>Key Concepts:</b> Form Connection Change  <b>Related Concepts:</b> Discovery Archaeology Culture Beliefs Stories Inventions  <b>ATL's:</b> <b>THINKING SKILLS</b> <b>RESEARCH SKILLS</b>  <b>Learner Profile Attributes:</b> Inquirer Knowledgeable  <b>Subject Integration:</b> ART MATH  <b>Action Focus:</b> Participation	<b>Unit Title:</b> Conflict  <b>Central Idea:</b> The way people <b>communicate</b> may help <b>overcome conflicts</b> and lead to <b>change</b>  <b>Lines of inquiry:</b> An inquiry into: 1. Causes of conflict 2. Resolution and management of conflict 3. The outcome of conflict  <b>Key Concepts:</b> Causation Perspective Change  <b>Related Concepts:</b> Beliefs Consequences Viewpoint Peace/equity  <b>ATL's:</b> <b>THINKING SKILLS</b> <b>SOCIAL SKILLS</b>  <b>Learner Profile Attributes:</b> Caring Open-minded  <b>Subject Integration:</b> PSPE <b>Action Focus:</b> Social Justice



