



International School of Nanshan Shenzhen Programme of Inquiry



	Who we are	How we express ourselves	How the world works	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 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.	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.	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.
K4 (4-5)	<p>Central Idea: People learn about themselves and their surroundings by using the five senses.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Our five senses - How we use our senses to explore - The importance of our five senses <p>Key Concepts: Form, Function and Reflection</p> <p>Related Concepts: Systems, Interaction, Interdependence, Well-being</p>	<p>Central Idea: Ideas and feelings can be expressed through play.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Communication through play - Imagination in play - Using different forms of play to express ourselves <p>Key Concepts: Function and Perspective</p> <p>Related Concepts: Communication, Imagination, Play, Discovery</p>	<p>Central Idea: Exploring light from different sources enables us to discover how it works.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Different sources of light - Exploring how light works - How we use light <p>Key Concepts: Form, Change and Connection</p> <p>Related Concepts: Energy, Behaviour, Light, Properties</p>	<p>Central Idea: Different environments have a diversity of living things.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The different environments around the world - Living things within different environments - Human impact on the environment <p>Key Concepts: Form, Causation and Reflection</p> <p>Related Concepts: Living vs. Non Living Things, Habitat, Geography, Choices</p>

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<h2 style="text-align: center;">K5</h2> <p style="text-align: center;">(5-6)</p>	<p>Central Idea: The values and relationships we have in our lives can shape us to be who we are.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Our personal values - How our actions impact those around us - Our roles and responsibilities within our relationships <p>Key Concepts: Form, Causation and Responsibility</p> <p>Related Concepts: Values, Choice, Perspective, Identity</p>	<p>Central Idea: Imagination allows us to think, create and express ourselves in new ways.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - How we enjoy our imagination - How we use art forms to show our imagination - The way imagination helps us to think about other perspectives <p>Key Concepts: Form, Function and Perspective</p> <p>Related Concepts: Expression, Imagination, Opinion, Inspiration</p>		<p>Central Idea: Everything around us is matter and has different properties,</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - States of matter and how they change - Types of materials and their properties - Why people choose materials for different purposes <p>Key Concepts: Change, Function and Causation</p> <p>Related Concepts: Matter, Transformation, Properties, Prediction</p>	<p>Central Idea: People use a range of skills to organize their lives.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Reasons we organize our lives - Ways in which organization helps us - Our responsibility to organize <p>Key Concepts: Causation, Reflection and Responsibility</p> <p>Related Concepts: Organization, Consequences, Behaviour, Community</p>	<p>Central Idea: People can choose to take action in order to conserve water and protect marine life.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - How the planet uses water - Life in water - How humans affect water <p>Key Concepts: Function, Connection and Responsibility</p> <p>Related Concepts: Evidence, Resources, Cycles, Consumption</p>
<h2 style="text-align: center;">Grade 1</h2> <p style="text-align: center;">(6-7)</p>	<p>Central Idea: Our choices shape who we are as learners.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Our roles as learners - Our learning mindsets - Skills that help us learn <p>Key Concepts: Reflection, Perspective and Responsibility</p> <p>Related Concepts: Identity, Behaviour, Choice, Relationships</p>	<p>Central Idea: Authors use stories to communicate ideas and entertain others.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - How stories are alike and different - How stories can change when they are retold - Perspectives of characters in stories <p>Key Concepts: Form, Change and Perspective</p> <p>Related Concepts: Imagination, Creativity, Process, Character</p>	<p>Central Idea: Discovering our personal histories helps us to understand where we came from.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Our family history and how it has changed - Traditions in my family - Celebrating different types of families <p>Key Concepts: Change, Connection and Perspective</p> <p>Related Concepts: Tradition, Culture, Beliefs, Diversity</p>	<p>Central Idea: All living things go through a process of change.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - How living things change - Similarities and differences in life cycles - The importance of living things <p>Key Concepts: Change, Connection and Reflection</p> <p>Related Concepts: Cycles, Transformation, Patterns, Purpose</p>	<p>Central Idea: A community is a shared space where members work towards a common purpose.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The different roles in a community - Different types of communities - How communities are organised <p>Key Concepts: Connection, Form and Dunction</p> <p>Related Concepts: Roles, Community, Interactions, Order</p>	<p>Central Idea: People’s actions can change the environment.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Different types of waste and pollution - Reduce, reuse, recycle - Actions we can take <p>Key Concepts: Form, Causation and Responsibility</p> <p>Related Concepts: Sustainability, Conservation, Environment, Choice</p>

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<p>Grade 2 (7-8)</p>	<p>Central Idea: Our wellness depends on the choices we make.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The connection between the different types of wellness - Choices that affect our health <ul style="list-style-type: none"> - Ways we can take responsibility for our wellness <p>Key Concepts: Connection, Causation and Responsibility</p> <p>Related Concepts: Interaction, Health, Nutrition, Emotions</p>	<p>Central Idea: People use a variety of ways to communicate their ideas.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Ways people share and express their ideas - The role of language in communication - Signs and symbols can convey messages <p>Key Concepts: Form, Perspective and Function</p> <p>Related Concepts: Communication, Messages, Expression, Symbols</p>	<p>Central Idea: People use maps to explore and navigate different parts of the world.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Physical geography around the world <ul style="list-style-type: none"> - The evolution of maps - Purpose and importance of navigation <p>Key Concepts: Form, Change and Function</p> <p>Related Concepts: Location, Discovery, Geography, Orientation</p>	<p>Central Idea: Scientists learn new information through a variety of ways.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Similarities and differences among scientists - The process of discovering new information - Solving problems with our new understandings <p>Key Concepts: Connection, Change and Reflection</p> <p>Related Concepts: Exploration, Systems, Process, Discovery</p>	<p>Central Idea: There are different transportation systems for a variety of reasons.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - How transportation is organized - Access to transportation - Responsible use of transportation <p>Key Concepts: Function, Reflection and Responsibility</p> <p>Related Concepts: System, Organization, Choice, Consequences</p>	<p>Central Idea: People share the planet with many animals and their actions can help or harm them.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Endangered animals around the world - How people and nature alter animals and their habitats - Action people can take to help animals and nature <p>Key Concepts: Form, Causation and Responsibility</p> <p>Related Concepts: Animals, Endangered, Conservation, Habitat</p>
<p>Grade 3 (8-9)</p>	<p>Central Idea: Active citizens advocate for the rights of others.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Children’s rights around the world - The impact when rights aren’t respected <ul style="list-style-type: none"> - Actions that can promote change <p>Key Concepts: Form, Causation and Responsibility</p> <p>Related Concepts: Advocacy, Rights, Choice, Consequences</p>	<p>Central Idea: Media can inform, entertain and persuade people.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Messages in media - Tactics used to persuade - How we can think critically about media <p>Key Concepts: Form, Perspective and Responsibility</p> <p>Related Concepts: Media, Manipulation, Motivation, Visual Text</p>	<p>Central Idea: Human migration involves challenges and opportunities.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Reasons people migrate - The effects of migration - People’s perspectives on migration <p>Key Concepts: Causation, Connection and Perspective</p> <p>Related Concepts: Diversity, Personal History, Migration, Conflict</p>	<p>Central Idea: The design of structures depends on the location and purpose.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Designing structures - Building strong and stable structures - Structures in our world <p>Key Concepts: Function and Form</p> <p>Related Concepts: Design, Properties, Location, Shape</p>	<p>Central Idea: Production and distribution of products impact the environment.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The process of creating a product - The environmental impact of production and consumption <ul style="list-style-type: none"> - Actions we can take as consumers <p>Key Concepts: Change, Connection and Reflection</p> <p>Related Concepts: Resources, Choice, Process, Sustainability</p>	<p>Central Idea: Ecosystems have important relationships that sustain life.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The interdependence of living things - The components of a healthy ecosystem <ul style="list-style-type: none"> - Human impact on ecosystems <p>Key Concepts: Connection, Causation and Responsibility</p> <p>Related Concepts: Interdependence, Habitat, Biomes, Balance</p>

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<p>Grade 4 (9-10)</p>	<p>Central Idea: Challenges can impact the way we make choices in the future.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The misconceptions of easy success - Challenges we face as humans - The benefits of failure <p>Key Concepts: Reflection, Connection and Responsibility</p> <p>Related Concepts: Identity, Ownership, Idealism, Growth</p>	<p>Central Idea: People express appreciation for the natural world in many different ways.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Aesthetics of the natural world - Celebration of the natural world <p>- Natural world through the arts</p> <p>Key Concepts: Perspective, Form and Connection</p> <p>Related Concepts: Expression, Natural, Celebration, Symmetry</p>	<p>Central Idea: Exploration leads to discoveries and new understandings.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The meaning of exploration - Motivation for exploration - Impacts of exploration <p>Key Concepts: Change, Perspective and Reflection</p> <p>Related Concepts: Exploration, Wealth, Power, Geography</p>	<p>Central Idea: Advancements in technologies allow us to understand our universe.</p> <p>Mini PYP Exhibition</p>	<p>Central Idea: Communities have developed ways of organizing themselves to respond to a crisis.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Personal, local and global crisis - Ways of preparing and responding to crisis - The role of organizations during a crisis <p>Key Concepts: Function, Causation and Responsibility</p> <p>Related Concepts: Communities, Organization, Response, Natural Disasters</p>	<p>Central Idea: People’s use of resources impact the environment.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Finite and infinite resources - Environmental impact - Future implications of finite resources <p>Key Concepts: Responsibility, Change and Causation</p> <p>Related Concepts: Consumption, Resource, Impact</p>
<p>Grade 5 (10-11)</p>	<p>Central Idea: Understanding the functions of human body systems may inform our choices.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The organs and human body systems - The interdependence of the systems - How personal choices and outside influences impact our body <p>Key Concepts: Function, Connection and Causation</p> <p>Related Concepts: Systems, Interdependence, Biology, Anatomy</p>	<p>Central Idea: Through artifacts we discover how ancient societies expressed themselves.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Different perspectives artifacts - Arts as a form of expression in ancient societies - The connection between ancient societies and modern societies <p>Key Concepts: Perspective, Function and Connection</p> <p>Related Concepts: Archaeology, Tradition, Culture, History</p>	<p>Central Idea: Geographical features have an influence on living things.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Different features of landforms - The adaptation of living things to their surroundings - How living things influenced the environment over time <p>Key Concepts: Form, Change and Reflection</p> <p>Related Concepts: Geography, Survival, Evolution, Adaptation</p>	<p>EXHIBITION</p>	<p>Central Idea: Governance can promote or deny human rights.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Elements of governance - Principles and promotion of human rights - How governance impacts people <p>Key Concepts: Form, Responsibility and Causation</p> <p>Related Concepts: Civil Rights, Equality and Equity, Freedom, Persuasion</p>	<p>Central Idea: Conflict occurs when different needs, desires and personal ideologies exist in a society.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Causes of conflict - Resolution and management of conflict - The effect of conflict <p>Key Concepts: Causation, Responsibility and Connection</p> <p>Related Concepts: Peace, Control, Power, Behaviour</p>