

PYP Programme of Inquiry for school year 2017-2018

	<p align="center">Trans disciplinary Theme Who we are</p> <p>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</p>	<p align="center">Trans disciplinary Theme Where we are in time and place</p> <p>A 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</p>	<p align="center">Trans disciplinary Theme How we express ourselves</p> <p>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</p>	<p align="center">Trans disciplinary Theme How the world works</p> <p>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 on the environment.</p>	<p align="center">Trans disciplinary Theme How we organise ourselves</p> <p>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.</p>	<p align="center">Trans disciplinary Theme How we share the planet</p> <p>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.</p>
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Nursery/Reception	<p><u>Central Idea:</u> Good habits can keep us healthy</p> <p><u>Lines of Inquiry</u></p> <ul style="list-style-type: none"> ▪ Our daily routines ▪ Ways to be healthy ▪ Importance of healthy habits 	<p><u>Central Idea:</u> Toys have evolved over time</p> <p><u>Lines of Inquiry</u></p> <ul style="list-style-type: none"> ▪ Types of toys around the world ▪ Change in toys over time ▪ Imaginative use of materials to create and play 		<p><u>Central Idea:</u> Human activity can be connected to the Earth's natural cycles</p> <p><u>Lines of Inquiry</u></p> <ul style="list-style-type: none"> • Night and day • Seasons and weather • How we adapt to the changing seasons 		<p><u>Central Idea:</u> Animals have certain needs in order to grow and stay healthy</p> <p><u>Lines of inquiry:</u></p> <ul style="list-style-type: none"> • Characteristics of animals and their role • Animal homes • Animal needs and how we can care for them 	
	TS	Communication, Self-Management	Communication, Thinking, research		Research, Thinking		Research, thinking
	LP	Communicator, Balanced, Risk-Taker	Communicator, Thinker, Open-minded	,	Inquirer, Thinker, Communicator		Caring, inquirer, balanced.
	A	Independence, curiosity	Creativity, cooperation, appreciation		Curiosity, enthusiasm		Respect, appreciation
	KC	Form, function	Form, change, perspective		Change, Connection,		Form, change, responsibility
	When	1	2		3		4

Year 1	<p>Central Idea: Relationships with others can enrich our lives and require nurturing in order to develop</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Our significant relationships • Importance of relationships in our lives • Characteristics that develop healthy relationships 	<p>Central Idea: There are many ways we can describe our personal histories.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Sharing and recording our personal histories • Researching techniques to learn about the past • Personal histories of significant people 	<p>Central Idea: All over the world people celebrate for various reasons.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Celebrations throughout the world • Commonalities between celebrations • Reasons why people celebrate 	<p>Central Idea: The world is made up of materials which have different functions and uses</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Properties of materials in our environment. • Manipulation and application of materials for our use. 	<p>Central Idea: Number systems provide a common language we use to make sense of the world.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Number systems in different cultures and their use • Connections to number systems eg: time, calendar and money 	<p>Central Idea: People need to appreciate and preserve the Earth's diverse wildlife.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Classification of animals • Human impact on animal habitats • Ways we can protect wildlife
TS	<p>Self-Management Skills: Codes of Behaviour Thinking Skills: Metacognition</p> <p>Social Skills: Accepting Responsibility, Respecting Others, Resolving Conflict</p>	<p>Research Skills: Formulating questions Planning Collecting data Recording data Organizing data Interpreting data Presenting research findings</p> <p>Thinking Skills: Comprehension Synthesis Evaluation Metacognition</p>	<p>Communication Skills: Listening Speaking Writing Viewing Presenting Non-verbal communication</p> <p>Research Skills: Formulating questions Collecting data Recording data Organizing data Interpreting data</p>	<p>Research Skills: Formulating questions Collecting data Recording data Organizing data Interpreting data Presenting research findings</p> <p>Social Skills: Accepting Responsibility,</p>	<p>Thinking Skills: Comprehension Application Analysis Dialectical Thought</p> <p>Self-management skills: Organization Informed choices</p>	<p>Research Skills: Formulating questions Collecting data Recording data Organizing data Interpreting data Presenting research findings</p> <p>Social Skills: Accepting Responsibility,</p>

			Presenting research findings			
LP	Caring, Open-minded, Communicators	Inquirers, Principled, Reflective	Thinkers, Communicators, Open-minded	Caring, Inquirer reflective	Courageous, Thinkers, Principled	Caring, Reflective, Principled
A	Cooperation, Respect, Empathy	Appreciation, Integrity, Creativity	Creativity, Enthusiasm, Respect	Creativity, independence, respect	Independence, Appreciation, Integrity	Confidence, Respect, Commitment
KC	Causation, Perspective, Responsibility	Form, Connection, Perspective	Function, Connection, Reflection	Form Function causation	Form, Reflection, Responsibility	Form, Function, Responsibility
When	2	3	All year	4	5	6
Year 2	<p><u>Central Idea:</u> We make choices in order to live a balanced lifestyle</p> <p><u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> Observing and recording our lifestyles (hygiene, sleep, diet, play) Choices that affect us Ways to balance our lifestyle 	<p><u>Central Idea:</u> Journeys can create change and lead to new opportunities</p> <p><u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> Types of journeys People journey for different reasons There are different ways to reflect on journeys 	<p><u>Central Idea:</u> Our imagination helps us to think and create.</p> <p><u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> Exploring and sharing our imagination Expressing our imagination Responding to the perspective of others 	<p><u>Central Idea:</u> Earth is a unique planet in the Solar System.</p> <p><u>Lines of Inquiry</u></p> <ul style="list-style-type: none"> Planet of our solar system Exploration of space The effects of the sun and moon on Earth 	<p><u>Central Idea:</u> All communities have developed roles in order to function efficiently</p> <p><u>Lines of Inquiry</u></p> <ul style="list-style-type: none"> Roles in our community Roles in other communities The importance of community roles 	<p><u>Central Idea:</u> Plants are a life sustaining resource for living things</p> <p><u>Lines of Inquiry</u></p> <ul style="list-style-type: none"> Plants and their needs Ways of sharing our environment with plants The importance of plants in our lives
TS	Accepting responsibility Planning Non-verbal communication	Communication, Thinking, Research	Group decision making Planning Comprehension Reading Writing	Cooperation Collecting data Organising data Viewing Non verbal	Adopting a variety of group roles Formulating questions Collecting data Listening	Accepting responsibility Recording data Writing Informed choices

	Time management Healthy lifestyle		Fine motor skills	communication Safety	Speaking Organisation	Observing
LP	Balanced Thinker	Reflective Risk taker	Communicators Open-minded	Communicators Risk-takers	Communicators Knowledgeable	Caring Reflective
A	Commitment Confidence	Enthusiasm, Appreciation	Appreciation Creativity Empathy	Curiosity Cooperation	Cooperation Integrity Tolerance	Curiosity Respect
KC	Causation Connection	Change, Reflection, Connection	Function Perspective Reflection	Form Causation	Connection Responsibility	Form Responsibility
Year 3	<p><u>Central Idea:</u> Using our senses helps us to discover our world</p> <p><u>Lines of inquiry:</u></p> <ul style="list-style-type: none"> • Importance of our senses in everyday life • Consequence of loss of senses • Investigating sound and light 	<p><u>Central Idea:</u> Explorers impact our world with discoveries they make</p> <p><u>Lines of Inquiry</u></p> <ul style="list-style-type: none"> ▪ Reasons people explore their world ▪ How people record and share their discoveries. ▪ Impact of discoveries on our world. 	<p><u>Central Idea:</u> Through exploring stories we can learn about how beliefs and values are expressed in different cultures</p> <p><u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • Stories originate from various places and times • Why people share stories • Techniques used by writers and tellers of stories 	<p><u>Central Idea:</u> Motion cannot happen without force</p> <p><u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • Ways of moving an object • Forces and motion in our environment • Simple machines 	<p><u>Central Idea:</u> Food goes through many processes before it reaches us</p> <p><u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • Where food comes from • Various process food goes through 	<p><u>Central Idea:</u> Environments affects the lives of plants and animals</p> <p><u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • Biomes • Geographical links • Adaptations animals make in order to survive
TS	Thinking; Social	Resolving conflicts Presenting research findings Acquisition of knowledge Presenting Spatial awareness	Social; Communication	Social, Research	Research; Self-management	Research, Thinking

LP	Caring; Communicator	Inquirer Risk-taker	Open Minded; Principled	Thinkers	Knowledgeable	Inquirer, Caring
A	tolerance, empathy	Enthusiasm Independence	confidence, creativity	cooperation, commitment	curiosity, independence	Respect, Integrity
KC	connection, function, responsibility	Causation Change Reflection	perspective, reflection, connection	causation, form, function	function, form, responsibility	Responsibility, causation, Change
When	1	3	2	4	5	6
Year.4	<p><u>Central Idea:</u> Like all humans, children have rights and responsibilities</p> <p><u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • Difference between rights, needs, wants and responsibilities • Children’s Rights • Initiatives and solutions to protect the rights of children 	<p><u>Central Idea:</u> Changes in physical geography can have an impact on settlement</p> <p><u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • Variability of physical geography around the world (types of rocks, etc) • Relation between location and settlement • Changes in physical environment over time 	<p><u>Central Idea:</u> We express our ideas, hopes and values through our choice of role model.</p> <p><u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • The qualities that make a role model • Significant people or role models in our lives and why we value them • Talents, strengths and values we can develop and strengthen in us 	<p><u>Central Idea:</u> Electricity and magnetism are sources of energy</p> <p><u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • Properties and connections between magnetism and electricity (eg: electrical circuits) • Electricity and magnetism around us • Safety precautions regarding electricity 	<p><u>Central Idea:</u> Advertising is intended to influence our economic choices</p> <p><u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • Different economic choices we make • Elements of successful advertisements • The influence of advertisements on our economic choices 	<p><u>Central Idea:</u> Water is finite resource</p> <p><u>Lines of Inquiry:</u></p> <ul style="list-style-type: none"> • Properties and sources of water • What happens to water after we have used it • Responsibilities regarding shared water
TS	Formulating questions Respecting others	All Social Skills Formulating Questions Observing, Planning	Respecting others Cooperating Resolving Conflicts	Collecting, Recording, Organizing and Interpreting Data	All Social Skills Collecting Data Writing and Presenting	Accepting Responsibility All Research Skills

	Analysis Synthesis Evaluation Listening, Speaking, Reading, Writing, Viewing, Presenting Self-management Skills	Collecting Data and Presenting Research All Communication Skills	Accepting Responsibility Application, Analysis, Synthesis Reading, Writing Non-verbal communication Informed choices, Codes of behaviour Healthy Lifestyle	Presenting Research Acquisition of knowledge, Application, Dialectical Thought, Metacognition Speaking and Non- verbal communication Gross and fine motor skills, Spatial awareness	Time management, Safety, Healthy Lifestyle, Code of Behaviour, and Informed Choices	Application, Analysis, Synthesis, Evaluation, Dialectical Thought and Metacognition All Self-Management Skills
P	Communicators, Open-Minded Reflective	Balanced Inquirer Risk-Taker	Caring Principled Reflective	Knowledgeable Inquirer Thinker	Balanced Communicator Principled Risk-taker	Knowledgeable Caring Thinker Open-minded
A	Appreciation Independence Respect Empathy	Commitment Cooperation Confidence	All PYP attitudes	Confidence Curiosity Enthusiasm Creativity	Independence Enthusiasm Cooperation Creativity	Commitment Curiosity Integrity Tolerance
KC	Causation Connection Reflection	Form Change Function	Change Perspective Reflection	Function Causation Form	Responsibility Reflection Perspective	Change Connection Responsibility
When	1	4	5	3	2	6

Year.5	<p>Central Idea: Our body systems are designed to function together as one</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Functions of body systems • How body systems work together • Taking care of our body 	<p>Central Idea: Ancient civilizations are the foundation to various systems and technologies in the modern world</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Location and main characteristics of some ancient civilization • Discovering inventions from the ancient world that we are still using • What we can learn from ancient civilizations 	<p>Central Idea: People use language in different forms to share ideas, feelings and issues</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Forms of language that could be used • History and styles of written language • Using language to communicate a message 	<p>Central Idea: Matter can undergo changes in form, colour, size and texture</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • States and properties of matter • The properties and states of matter • Mixtures and ways to separate them 	<p>Central Idea: Cities are organised by systems to meet the needs of the habitants</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Different political systems in the world • Different systems that make a city work • Rights and responsibilities when you live in a city 	<p>Central Idea: Renewable and non-renewable resources can impact our environment</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Our natural resources in China • Sustainable use of natural resources • Impact of using non-renewable resources on our environment
TS	Acquisition of knowledge, comprehension, metacognition, respecting others, group decision making, reading, presenting,	Collecting data, reading, writing, viewing and presenting, adopting a variety of group roles, analysis, acquisition of knowledge.	Analysis, evaluation, listening, speaking, reading, writing, viewing and presenting, organization, time management, planning	Formulating questions, observing, planning, collecting, recording, organizing, interpreting data, presenting findings, reading, viewing, adopting a variety of group roles, accepting responsibility, cooperating	Accepting responsibility, resolving conflicts, speaking, reading, writing, listening, comprehension, application, fine motor skills, time management, spatial awareness	Observing, organization, informed choices, codes of behaviour, speaking, listening, writing, reading, group decision making, cooperating, respecting others, adopting a variety of group roles.
LP	Caring, open minded	Communicator, Knowledgeable	Principled, communicator	Inquirer, reflective	Risk taker, thinker	Open minded, balanced,

A	Independence, confidence	Cooperation, curiosity respect.	Independence, creativity	Enthusiasm, appreciation	Appreciation, creativity, integrity	Tolerance, integrity, empathy.
KC	Responsibility, function, connection	Form, change, reflection	Form, connection, perspective	Function, change, perspective	Form, function, connection	Cause, change, reflection
When	6	1	3	5	2	4
Year.6	<p>EXHIBITION Central Idea: Written by the students during class time</p> <p>Lines of Inquiry: Written by the individual groups with support from the teacher and mentor.</p>	<p>Central Idea: Human migration is a response to challenges, risks and opportunities.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • The reasons why people migrate • Historical migrations • Effects of migration on communities, cultures and individuals 	<p>Central Idea: Rituals, traditions and artefacts provide a window into the beliefs and values of cultures</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • What constitutes a culture • Significance of rituals and traditions • How artefacts symbolize beliefs and values 	<p>Central Idea: Energy can come from many sources and is stored and used in many ways</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Sources and types of energy • Conversion of energy (the scientific process) • Building energy to be stored and used • Complex machines 	<p>Central Idea: Marketplaces depend on the ability to produce goods and supply services.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Types of money and barter • Movement of goods • Ethics of the marketplace 	<p>Central Idea: Connection of plants and animals in an ecosystem</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Species and their environment • Shared territory between species • Human impact on environment
TS	All Transdisciplinary Skills	Acquisition of knowledge, presenting research, group decision making, presenting, cooperating, planning, organization, time management, resolving conflict, accepting responsibility	Reading and writing skills, fine/gross motor and spatial awareness, respecting others, formulating questions, acquisition of knowledge	Analysis and synthesis, formulating questions, observing, planning, collecting data, recording data, organizing data, interpreting data, Presenting research, recording data, safety	Cooperating, resolving conflict, adopting a variety of group roles, writing, codes of behaviour, Respecting others	Writing, presenting, fine motor, organization, time management, informed choices
LP	All LP Attributes	Inquirer, Knowledgeable	Open Minded, Balanced	Thinker, Risk Taker	Principled, Communicator	Reflective, Inquirer
A	All Attitudes	Curiosity, empathy	Tolerance, Creativity, Respect	Independence, commitment,	Cooperation, Integrity, enthusiasm	Commitment, Independence

				confidence		
KC	All Concepts	Causation, change, perspective	Function, perspective, reflection	Form, function, connection	Function, connection	Connection, Responsibility, Change
When	6	1	2	3	4	5

***NB: Please note that Learner Profile Attributes (LP), Transdisciplinary Skills (TD), and Attitudes (A) are suggested only. Teachers may change as appropriate and inform Coordinator of changes during the year. Central Ideas, Lines of Inquiry and Concepts are also open to review in consultation with PYP Coordinator or at POI Reviews.**