

<i>Transdisciplinary Themes</i>	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
	<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>An inquiry into orientation in place and time; personal histories; homes and journeys; discoveries, explorations and migrations of humankind; the relationships between and the interconnectedness of individuals and civilizations, from local and global perspectives.</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>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>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>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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<p>Kindergarten</p> <p>1</p>	<p>WHO WE ARE</p> <ul style="list-style-type: none"> the nature of the self human relationships including families, friends, communities, and cultures <p>Central Idea: We are the same and different to other people.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Who I am The people around me <p>Key concepts: Form, Connection</p> <p>Related concepts: cooperation, interdependence, genetics</p> <p>Subject focus PSPE, Humanities, Science, Mathematics</p>		<p>HOW WE EXPRESS OURSELVES</p> <ul style="list-style-type: none"> the ways in which we reflect on, extend and enjoy our creativity <p>Central Idea: Stories are interpreted in many ways.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> How stories are told The feelings that stories cause How stories connect to our experiences <p>Key concepts: Perspective, Reflection</p> <p>Related concepts: imagination, culture, opinion, interpretation</p> <p>Subject focus Visual Arts, Performing Arts, Humanities</p>	<p>HOW THE WORLD WORKS</p> <ul style="list-style-type: none"> the natural world and its laws; the interaction between the natural world (physical and biological) and human societies <p>Central Idea: Light behaves in different ways.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Light sources How light is used How light can be changed <p>Key concepts: Form, Function, Change</p> <p>Related concepts: properties behavior</p> <p>Subject focus: Science, Mathematics</p>	<p>HOW WE ORGANIZE OURSELVES</p> <ul style="list-style-type: none"> the interconnectedness of human-made systems and communities; societal decision-making <p>Central Idea: We move for different purposes.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Ways we move Reasons we move Moving safely <p>Key concepts: Form, Causation, Responsibility</p> <p>Related concepts: transportation, body form, body control, safety, fair play</p> <p>Subject focus: Humanities, Science, Mathematics, PSPE Mandarin</p>	
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PROGRAMME OF INQUIRY 2018 - 2019

<p>Kindergarten</p> <p>2</p>	<p>WHO WE ARE</p> <ul style="list-style-type: none"> personal, physical, mental, social and spiritual health rights and responsibilities <p>Central Idea: Routines support our well being.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Routines for physical well being Routines for mental well being Routines for academic well being <p>Key concepts: Causation, Connection, Responsibility</p> <p>Related concepts: safety, choices, fairplay</p> <p>Subject focus PSPE, Literacy</p>		<p>HOW WE EXPRESS OURSELVES</p> <ul style="list-style-type: none"> the ways in which we reflect on, extend and enjoy our creativity <p>Central Idea: We use our bodies to express ourselves.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Dance Mime Acrobatics <p>Key concepts: Form, Reflection</p> <p>Related concepts: culture, performance,</p> <p>Subject focus PSPE, Performing Arts, Visual Arts</p>	<p>HOW THE WORLD WORKS</p> <ul style="list-style-type: none"> how humans use their understanding of scientific principles <p>Central Idea: Different materials are used for different reasons.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Different types of materials Properties of different materials How we use materials <p>Key concepts: Form, Function, Causation</p> <p>Related concepts: properties and uses of materials, similarities and differences</p> <p>Subject focus Science, Humanities</p>		<p>SHARING THE PLANET</p> <ul style="list-style-type: none"> rights and responsibilities in the struggle to share finite resources with other people and with other living things <p>Central Idea: Human actions affect other living things.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Human interactions with other living things The results of human behaviour on other living things <p>Key concepts: Responsibility, Change</p> <p>Related concepts: animals, plants, conservation</p> <p>Subject focus: Science, Humanities</p>
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PROGRAMME OF INQUIRY 2018 - 2019

<p>Grade</p> <p>1</p>	<p>WHO WE ARE</p> <ul style="list-style-type: none"> the nature of the self beliefs and values <p>Central Idea: People's actions are a reflection of their beliefs.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Our identities Our customs Similarities and differences <p>Key concepts: Perspective, Causation, Reflection</p> <p>Related concepts: identity, culture, beliefs, traditions, values</p> <p>Subject focus: PSPE, Humanities, Mandarin</p>	<p>WHERE WE ARE IN TIME AND PLACE</p> <ul style="list-style-type: none"> orientation in place and time personal histories <p>Central Idea: The world has changed during our lifetimes.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Changes in my lifetime Changes in my parent's lifetime Changes in my grandparent's lifetime <p>Key concepts: Change Causation</p> <p>Related concepts: relationships, interconnectedness, dimensions, communities</p> <p>Subject focus: Humanities, Mathematics</p>	<p>HOW WE EXPRESS OURSELVES</p> <ul style="list-style-type: none"> the ways in which we reflect on, extend and enjoy our creativity our appreciation of the aesthetic <p>Central Idea: We experience art using our senses.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Our 5 senses Different forms of The Arts Using our knowledge to create art <p>Key concepts: Function, Perspective, Reflection</p> <p>Related concepts: imagination, imagery, expression</p> <p>Subject focus: Performing Arts , Visual Art, Science</p>	<p>HOW THE WORLD WORKS</p> <ul style="list-style-type: none"> the natural world and its laws the interaction between the natural world (physical and biological) and human societies <p>Central Idea: Living things change.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Life cycles The similarities and differences in life cycles Factors that affect living things How living things adapt <p>Key concepts: Form, Change, Connection</p> <p>Related concepts: cycles, growth, living things</p> <p>Subject focus: Science, Humanities</p>	<p>HOW WE ORGANIZE OURSELVES</p> <ul style="list-style-type: none"> the interconnectedness of human-made systems and communities; the structure and function of organizations <p>Central Idea: Food goes through a journey to get to our plates.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> The foods we eat. How food becomes edible. Different ways food can be distributed. <p>Key concepts: Function, Change, Connection</p> <p>Related concepts: processes, production, transportation, distribution, consumption.</p> <p>Subject focus: Humanities, Science</p>	<p>SHARING THE PLANET</p> <ul style="list-style-type: none"> communities and the relationships within and between them peace and conflict resolution <p>Central Idea: Working together strengthens communities.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Working together cooperatively Roles within different groups Conflict resolutions <p>Key concepts: Causation, Perspective, Responsibility</p> <p>Related concepts: conflict, peace, cooperation, communication</p> <p>Subject focus: Humanities, Performing Arts, PSPE</p>
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<p>Grade</p> <p>2</p>	<p>WHO WE ARE</p> <ul style="list-style-type: none"> the nature of the self human relationships including families, friends, communities, and cultures <p>Central Idea: Communication builds relationships.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Different ways to communicate Our home languages Challenges communicated in an international environment Role of communication in building relationships <p>Key concepts: Function, Perspective, Connection</p> <p>Related concepts: communications, relationships, roles</p> <p>Subject focus PSPE, Humanities, Mandarin, Performing Arts</p>	<p>WHERE WE ARE IN PLACE AND TIME</p> <ul style="list-style-type: none"> discoveries, explorations and migrations of humankind the relationships between and the interconnectedness of individuals and civilizations, from local and global perspectives <p>Central Idea: We learn about civilizations from what was left behind.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Archeology Case Study: Pompeii Evidence we will leave behind <p>Key concepts: Connection, Change</p> <p>Related concepts: civilizations, discovery, history</p> <p>Subject focus: Visual Arts, Humanities</p>	<p>HOW WE EXPRESS OURSELVES</p> <ul style="list-style-type: none"> the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values <p>Central Idea: Images express meaning.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Responding to images Evaluation of images Creation of images <p>Key concepts: Function, Connection, Reflection</p> <p>Related concepts: patterns, features</p> <p>Subject focus Visual Arts, Performing Arts, Literacy, Mandarin</p>	<p>HOW THE WORLD WORKS</p> <ul style="list-style-type: none"> how humans use their understanding of scientific principles <p>Central Idea: Changes in matter affect our environment.</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> The ways in which matter affects our lives The properties of matter Water cycle Carbon cycle <p>Key concepts: Form, Causation, Connection</p> <p>Related concepts: shape, changes of state, chemical & physical changes</p> <p>Subject focus Mathematics, Science</p>	<p>HOW WE ORGANIZE OURSELVES</p> <ul style="list-style-type: none"> economic activities and their impact on humankind and the environment. <p>Central Idea: Exchange systems help our community.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Forms of exchange How people earn and use money How trade affects our choices <p>Key concept: Form, Function, Causation</p> <p>Related concepts: system, money, history, interdependence, values</p> <p>Subject focus: Mathematics, Humanities</p>	<p>SHARING THE PLANET</p> <ul style="list-style-type: none"> 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 <p>Central Idea: Animals and their habitats are connected.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Needs of animals Food webs The consequences of imbalance within habitats <p>Key concepts: Function, Responsibility, Causation</p> <p>Related concepts: ecosystems, adaptation, dependence, conservation, sustainability</p> <p>Subject focus Science, Humanities</p>
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<p align="center">Grade</p> <p align="center">3</p>	<p>WHO WE ARE</p> <ul style="list-style-type: none"> rights and responsibilities what it means to be human. <p>Central Idea: With rights come responsibilities.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Rights and responsibilities we have Being a responsible member of our community Connection between rights and responsibilities <p>Key concepts: Connection, Responsibility, Reflection</p> <p>Related concepts: values, rights, responsibilities, relationships</p> <p>Subject focus PSPE, Humanities</p>	<p>WHERE WE ARE IN PLACE AND TIME</p> <ul style="list-style-type: none"> orientation in place and time the discoveries, explorations and migrations of humankind <p>Central Idea: Inventions have changed the world.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Industrialisation The ways inventions have shaped societies <p>Key concepts: Change, Perspective</p> <p>Related concepts: consequences, progress, innovation, time</p> <p>Subject focus Humanities, Mathematics, Performing Arts</p>	<p>HOW WE EXPRESS OURSELVES</p> <ul style="list-style-type: none"> ways in which we discover and express ideas, feelings, nature, culture, beliefs and values <p>Central Idea: The tools we use affect how we express our ideas.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Artistic expression in different cultures How technological advances in music have affected expression <p>Key concepts: Perspective, Reflection, Change</p> <p>Related concepts: expression, movement, rhythm</p> <p>Subject focus Performing Arts, Visual Arts, Mandarin</p>	<p>HOW THE WORLD WORKS</p> <ul style="list-style-type: none"> the natural world and its laws how humans use their understanding of scientific principles <p>Central Idea: Understanding forces helps us to use them.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Newton's laws of force and motion How we apply Newton's laws <p>Key concepts: Form, Change, Function</p> <p>Related concepts: forces, energy, physics, cause and effect, work</p> <p>Subject focus: Science, Mathematics</p>	<p>HOW WE ORGANIZE OURSELVES</p> <ul style="list-style-type: none"> the interconnectedness of human-made systems and communities <p>Central Idea: Successful cities must support the needs of individuals and society.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Transportation Communication <p>Key concepts: Function, Connection, Causation</p> <p>Related concepts: systems, interdependence</p> <p>Subject focus: Humanities, Mathematics</p>	<p>SHARING THE PLANET</p> <ul style="list-style-type: none"> rights and responsibilities in the struggle to share finite resources with other people and with other living things <p>Central idea: Access to resources alters the way people live.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Accessibility of water The resources that support our lifestyle Impact of shortages of resources on people's lives <p>Key concepts: Responsibility, Causation</p> <p>Related concepts: water cycle, resources</p> <p>Subject focus: Science, Humanities</p>
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<p>Grade</p> <p>4</p>	<p>WHO WE ARE</p> <ul style="list-style-type: none"> personal, physical, mental, social and spiritual health <p>Central Idea: Our bodies are made up of interrelated systems.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> The interactions of our body systems Maintaining our body systems Respiratory and circulatory system <p>Key concepts: Form, Function, Connection</p> <p>Related concepts: balance, wellbeing, systems, biology, exercise</p> <p>Subject focus: PSPE, Science, Performing Arts</p>	<p>WHERE WE ARE IN PLACE AND TIME</p> <ul style="list-style-type: none"> the relationships between and the interconnectedness of individuals and civilizations, from local and global perspectives. <p>Central Idea: Actions of people in the 20th century created the world of the 21st century.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Lives of key figures in 20th century history Differing perspectives of significant people Using primary, secondary and tertiary evidence to find out about significant people <p>Key concepts: Perspective, Reflection, Causation</p> <p>Related concepts: values, influence, bias, validity</p> <p>Subject focus Humanities, Mathematics</p>	<p>HOW WE EXPRESS OURSELVES</p> <ul style="list-style-type: none"> the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values <p>Central Idea: People's beliefs have been expressed through the arts.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Individual beliefs and values Shared beliefs and values Art in different religions <p>Key concepts: Form, Perspective, Reflection</p> <p>Related concepts: identity, diversity, values, roles, tradition, religion, symbols</p> <p>Subject focus Humanities, Visual arts, Performing Arts, Mandarin</p>	<p>HOW THE WORLD WORKS</p> <ul style="list-style-type: none"> the natural world and its laws the interaction between the natural world (physical and biological) and human societies <p>Central Idea: How we live is a result of the Earth's journey through space.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> The impact of Earth's rotation on our life The impact of Earth's orbit on our life The impact of other bodies in the solar system on our life <p>Key concepts: Form, Function, Causation</p> <p>Related concepts: climate, gravity, system, movement, space, atmosphere, structure</p> <p>Subject focus: Science, Humanities, Mathematics</p>	<p>HOW WE ORGANIZE OURSELVES</p> <ul style="list-style-type: none"> the structure and function of organizations societal decision-making <p>Central idea: Governments influence behaviour.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Purpose of governments Structure of governments Types of governments <p>Key concepts: Function, Connection, Responsibility</p> <p>Related concepts: communication, cooperation</p> <p>Subject focus Humanities, Mathematics</p>	<p>SHARING THE PLANET</p> <ul style="list-style-type: none"> 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 <p>Central Idea: Our consumer choices have a global impact.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> The responsibility of the consumer Fair trade Environmental impact of consumer choices <p>Key concepts: Causation, Change, Responsibility</p> <p>Related concepts: human resources, conservation, pollution</p> <p>Subject focus Science, Humanities</p>
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<p>Grade</p> <p>5</p>	<p>WHO WE ARE</p> <ul style="list-style-type: none"> personal, physical, mental, social and spiritual health <p>Central Idea: There are changes that affect us during puberty.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> The physical changes we experience Social and emotional changes Ways of managing these changes <p>Key concepts: Change, Responsibility, Reflection</p> <p>Related concepts: growth, choices, coping skills</p> <p>Subject Focus: PSPE, Science</p>	<p>WHERE WE ARE IN PLACE AND TIME</p> <ul style="list-style-type: none"> orientation in place and time personal histories home and journeys the discoveries, explorations and migrations of humankind <p>Central Idea: The story of humanity is a story of migration.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> The reasons people migrate Impact of migration on Singapore Mapping journeys of migration <p>Key concepts: Change, Causation</p> <p>Related concepts: consequences, patterns, impact</p> <p>Subject Focus: Humanities, Mandarin</p>	<p>HOW WE EXPRESS OURSELVES</p> <ul style="list-style-type: none"> the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values <p>Central Idea: Media influences the way we think and act.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> What is media How media influences audiences How media uses data <p>Key concepts: Perspective, Causation, Form</p> <p>Related concepts: pop media, social media persuasion</p> <p>Subject Focus: Humanities, Visual Arts, Performing Arts</p>	<p>HOW THE WORLD WORKS</p> <ul style="list-style-type: none"> the natural world and its laws how humans use their understanding of scientific principles the impact of scientific and technological advances on society and on the environment <p>Central idea: Energy is stored and used in different ways.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Potential and kinetic energy How energy is transformed Applying our knowledge of energy <p>Key concepts: Form, Function, Change</p> <p>Related concepts: transformation, Scientific method, Energy</p> <p>Subject focus: Science, Design</p>	<p>HOW WE ORGANIZE OURSELVES</p> <ul style="list-style-type: none"> the interconnectedness of human-made systems and communities <p>Central idea: Understanding supply and demand is essential for a business to succeed.</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> Ethics of trade How we depend upon people in other places How supply and demand works <p>Key concepts: Connection, Function, Responsibility</p> <p>Related concepts: interdependence, supply and demand, fair trade</p> <p>Subject focus: Humanities, Mathematics</p>	<p>SHARING THE PLANET</p> <p>Central idea: To be determined</p> <p>EXHIBITION</p> <p>Lines of inquiry: To be determined</p> <p>Key concepts: ALL</p> <p>Related concepts:</p> <p>Subject Focus:</p>
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