

International School Moshi

2010-2011 PYP Programme of Inquiry (Cycle Two)

	Who we are 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	Where we are in time and place 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 civilizations, from local and global perspectives	How we express ourselves 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	How the world works 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.	How we organise ourselves 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.	How we share the planet 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.
EC	<p>Central Idea: We are alike and different in many ways.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Ourselves - Personal preferences - Personal progress & development <p>Area of theme focused on: the nature of the self</p> <p>Key Concepts: Change, responsibility</p> <p>Related Concepts: identity, diversity</p> <p>Transdisciplinary: Social, self-management, communication</p> <p>Learner Profile: Open-minded, balanced, reflective</p> <p>Attitudes: Cooperation, tolerance, empathy</p>		<p>Central Idea: People tell stories in many different ways.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Ways of sharing (communicating / telling) stories (drawing, constructing, singing...) - Ways of responding to stories (drama and art) - Re-telling stories <p>Area of theme focused on: ways in which we discover and express ideas, feelings</p> <p>Key Concepts: Perspective, Reflective</p> <p>Related Concepts: representation, creative narrative, communication</p> <p>Transdisciplinary: Communication, Social</p> <p>Learner Profile: Communicator, Risk-taker</p> <p>Attitudes: Cooperation, Enthusiasm, Creativity</p>	<p>Central Idea: Light and sound help us experience our world.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Different sources of light and sound - The properties of light and sound - The manipulation of light and sound <p>Area of theme focused on: how humans use their understanding of scientific principles; inquiry into the natural world and its laws</p> <p>Key Concepts: Form, causation</p> <p>Related Concepts: properties, sound, electricity, light, physics, impact, forms of energy</p> <p>Transdisciplinary: Thinking, Research</p> <p>Learner Profile: Thinker, Inquirer</p> <p>Attitudes: Curiosity, Commitment</p>		<p>Central Idea: We share our planet with animals and interact with them in different ways.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The types of animals on our planet - Ways in which people and animals interact (pets, farming, etc.) - The responsibility humans have towards animals <p>Area of theme focused on: rights and responsibilities in the struggle to share finite resources with other people and with other living things</p> <p>Key Concepts: Function, responsibility</p> <p>Related Concepts: animals, conservation, interdependence, ecology, amenities</p> <p>Transdisciplinary: Research, Thinking</p> <p>Learner Profile: Caring Knowledgeable</p> <p>Attitudes: Appreciation, Respect, Curiosity</p>

	Who we are	Where we are in time and place	How we express ourselves	How the world works	How we organise ourselves	How we share the planet
P1/2	<p>Central Idea: Families around the world have similarities and differences.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Differences and similarities in families - Personal family history - Traditions and Special Events <p>Area of theme focused on: human relationships including families, friends, communities, and cultures</p> <p>Key Concepts: Form, Function</p> <p>Related Concepts: family, diversity, identity, roles, traditions, celebrations</p> <p>Transdisciplinary: Communication, social</p> <p>Learner Profile: Caring, Communicator, Balanced</p> <p>Attitudes: Tolerance, Cooperation, Appreciation</p>	<p>Central Idea: People make their homes in different places and in different ways.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - The human need for homes - Our own homes (past – present – future) - Environments affecting the types of homes we live in. <p>Area of the theme focused on: homes</p> <p>Key Concepts: Form, Causation, Reflection</p> <p>Related Concepts: interdependence, habitat, structures, innovation</p> <p>Transdisciplinary: Research, social</p> <p>Learner Profile: Inquirer, Thinker</p> <p>Attitudes: Curiosity, Creativity, Cooperation</p>	<p>Central Idea: Stories carry messages which can help us learn about life.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Perspectives of characters in stories - Identifying themes and messages in stories and fables - Elements of a story <p>Area of the theme focused on: ways in which we discover and express ideas, feelings, nature, culture, beliefs and values</p> <p>Key Concepts: Form, Reflection, Perspective</p> <p>Related Concepts: creativity, communication, interpretation, creative narrative, traditions</p> <p>Transdisciplinary: Communication</p> <p>Learner Profile: Communicator, Reflective</p> <p>Attitudes: Creativity, Empathy, Enthusiasm</p>	<p>Central Idea: Structures are built with specific materials according to a process.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Different materials and their properties - The design cycle <p>Using the design cycle to build structures</p> <p>Area of the theme focused on: how humans use their understanding of scientific principles</p> <p>Key Concepts: Function, Connection</p> <p>Related Concepts: structures, properties and uses of materials, consequences</p> <p>Transdisciplinary: Thinking</p> <p>Learner Profile: Thinker, Risk-taker</p> <p>Attitudes: Creativity, Commitment, Independence</p>	<p>Central Idea: In a workplace people share responsibility towards a common purpose.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Importance of working as an effective team - Individual roles and responsibility (home, school, sports etc.) - How a cafeteria is organised <p>Area of theme focused on: the structure and function of organizations</p> <p>Key Concepts: function, connection, responsibility</p> <p>Related Concepts: cooperation, systems, roles, interdependence, employment</p> <p>Transdisciplinary: Social, self-management</p> <p>Learner Profile: Communicator, Open-minded, Principled</p> <p>Attitudes: Cooperation, Tolerance</p>	<p>Central Idea: People interact with, use and value the natural environment in different ways</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Local natural environment - Human use of local natural environment - Actions that benefit or harm the local environment <p>Area of theme focused on: rights and responsibilities in the struggle to share finite resources with other people and with other living things</p> <p>Key Concepts: Causation, Reflection, responsibility</p> <p>Related Concepts: Conservation, interdependence, order</p> <p>Transdisciplinary: Thinking, Research</p> <p>Learner Profile: Thinker, Reflective</p> <p>Attitudes: Curiosity, Integrity, Respect</p>

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P3/4	<p>Central Idea: Each of us is a unique combination of our nature, environment and experience.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> -Who I am as a learner -How my experiences shape me -How my environment shapes me <p>Area of theme focused on: personal, physical, mental,, social and spiritual health</p> <p>Key Concepts: Form, connection, change, reflection</p> <p>Related Concepts: properties, similarities, differences, growth, transformation, identity, diversity</p> <p>Transdisciplinary: Self-management</p> <p>Learner Profile: Balanced, Open-minded</p> <p>Attitudes: Independence, Confidence</p>	<p>Central Idea: People explore their world; their methods and reasons are constantly changing.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> -Who explorers are -How people explore -Why people explore -Consequences of exploration <p>Area of theme focused on: the discoveries, explorations</p> <p>Key Concepts: Change, Causation, Perspective</p> <p>Related Concepts: Exploration, innovation, Discovery</p> <p>Transdisciplinary: Research, Communication, Thinking</p> <p>Learner Profile: Risk-taker, Inquirer</p> <p>Attitudes: Curiosity, Enthusiasm, Commitment</p>	<p>Central Idea: Everyone belongs to an ethnic group, each having its own forms of expression.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> -Ethnic Groups -The elements of expression (music, art, dress, food, celebration etc.) -The ways in which people express their unique cultural heritage. <p>Area of theme focused on: ways in which we discover and express ideas, feelings, nature, culture</p> <p>Key Concepts: Form, perspective</p> <p>Related Concepts: Traditions, Communication, Identity</p> <p>Transdisciplinary: Social, Communication</p> <p>Learner Profile: Open-minded, Communicator</p> <p>Attitudes: Appreciation, tolerance, Creativity</p>	<p>Central Idea: The behaviours and uses of materials is determined by their properties.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Properties of materials -Physical and chemical changes -How properties determine the use of materials <p>Area of theme focused on: how humans use their understanding of scientific principles</p> <p>Key Concepts: Form, Function, Causation, Change, Connection</p> <p>Related Concepts: Changes of state, Gases, Liquids, Solids, Properties and uses of materials</p> <p>Transdisciplinary: Thinking, social, research, communication, self-management</p> <p>Learner Profile: Inquirers, Thinkers, Communicators, Knowledgeable</p> <p>Attitudes: Curiosity, Cooperation, Enthusiasm</p>	<p>Central Idea: The production of goods is a human-made system which impacts our lives</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - primary resources -How raw materials are changed into finished products. - Procedures used to change a primary resource into a product. – - Interconnectedness of people in the workplace <p>Area of theme focused on:</p> <p>Key Concepts: Form, Function, Connection</p> <p>Related Concepts: production, dependence, impact, consumption, interdependence, distribution, sustainability, use of materials</p> <p>Transdisciplinary: Thinking, social, research, communication, self-management</p> <p>Learner Profile: Inquirers, Knowledgeable, reflective</p> <p>Attitudes: Creativity</p>	<p>Central Idea: Our planet has limited resources that are unevenly distributed.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Finite and infinite resources - Distribution and availability of clean water - How human activity has affected the availability of usable water -the effects of not having access to clean water -Our responsibility for water conservation <p>Area of theme focused on: rights and responsibilities in the struggle to share finite resources with other people and with other living things</p> <p>Key Concepts: Responsibility, Connection</p> <p>Related Concepts: sustainability, resources, conservation, conflict</p> <p>Transdisciplinary: Self-management, Research</p> <p>Learner Profile: Caring, Principled</p> <p>Attitudes: Empathy, Integrity, Respect</p>

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P5/6	<p>Central Idea: Our health is affected by the choices we make.</p> <p>Lines of inquiry: - The components of health (physical, spiritual, emotional, mental) -How the systems of our body work -The connection between the choices we make and our health</p> <p>Area of theme focused on: the nature of the self; beliefs and values; personal, physical, mental, social and spiritual health;</p> <p>Key Concepts: Connection, Form, Reflection</p> <p>Related Concepts: systems, choice</p> <p>Transdisciplinary: Self-management, Social</p> <p>Learner Profile: Balanced, Reflective</p> <p>Attitudes: Empathy, Independent</p>	<p>Central Idea: Our personal histories affect our world view.</p> <p>Lines of Inquiry: -Where we live and have come from -History and geography of home countries -Personal relationships and their effect on our world view.</p> <p>Area of theme focused on: personal histories; the relationships between and interconnectedness of individuals and civilizations, from local and global perspectives</p> <p>Key Concepts: Connection, Causation, Reflection</p> <p>Related Concepts: Consequences, Impact, Adaptation, History</p> <p>Transdisciplinary: Social, Communication, Thinking</p> <p>Learner Profile: Open-minded, Reflective</p> <p>Attitudes: Appreciation, Tolerance</p>	<p>Central Idea: People use many ways to influence others.</p> <p>Lines of inquiry: - Types of media (newspaper, internet, packaging, magazines) - The way different forms of advertising try to persuade their target audience -the ethics in persuasion</p> <p>Area of theme focused on: ways in which we discover and express ideas, feelings, nature, culture, beliefs and values</p> <p>Key Concepts: Reflection, Perspective</p> <p>Related Concepts: audience, persuasion</p> <p>Transdisciplinary: Communication</p> <p>Learner Profile: Communicator, Risk-taker</p> <p>Attitudes: Enthusiasm, Confidence</p>	<p>Central Idea: Life on Earth is dependent on how the solar system works.</p> <p>Lines of inquiry: -Earth's position in the solar system - How day, night and seasons are caused by Earth's movement in Space - Why Earth has life and other planets do not</p> <p>Area of theme focused on: the natural world and its laws; the interaction between the natural world (physical and biological) and human societies;</p> <p>Key Concepts: Form, Causation</p> <p>Related Concepts: effects life, interconnectedness</p> <p>Transdisciplinary: Research, Thinking</p> <p>Learner Profile: Inquirer, Knowledgeable</p> <p>Attitudes: Curiosity, Creativity</p>	<p>Central Idea: Systems of exchange serve the needs of the community</p> <p>Lines of Inquiry: -Factors that determine a community's needs (geography, gender, money, resources, family, culture, religion, interest, talent, education) -How supply and demand are connected -Different systems of exchange</p> <p>Area of theme focused on: economic activities and their impact on humankind</p> <p>Key Concepts: Function, Form, Connection</p> <p>Related Concepts: Role, Systems, Prediction, Structure</p> <p>Transdisciplinary: Research, Thinking</p> <p>Learner Profile: Principled, Thinker</p> <p>Attitudes: Cooperation, Integrity</p>	<p>Central Idea: Our personal choices can affect the environment. Lines of Inquiry: -What happens to waste -The causes of pollution -- Responsible choices regarding waste and our environment Area of theme focused on: rights and responsibilities in the struggle to share finite resources with other people and with other living things Key Concepts: Responsibility, Change, causation</p> <p>Related Concepts: Ecology, Cycles, Impact, Pollution, Consequences, Conservation</p> <p>Transdisciplinary: Research, Thinking</p> <p>Learner Profile: Caring, Principled</p> <p>Attitudes: Respect, Commitment</p>