



PROGRAMME OF INQUIRY school year 2016/2017

Year group	An Inquiry into: Who we are	An Inquiry into: Where we are in place and time	An Inquiry into: How we express ourselves	An Inquiry into: How the world works	An Inquiry into: How we organise ourselves	An Inquiry into: Sharing the planet
3,4	<p>Central idea:</p> <p>Who we are gives us our identity.</p> <p>Key concepts:</p> <p>perspective, form, change</p> <p>Related concepts:</p> <p>Identity, rights, rules and routines</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> - Who I am - My physical and personal characteristics - Feelings 	<p>Central idea:</p> <p>The countryside provides conditions for development of the local community.</p> <p>Key concepts:</p> <p>form, function, connection</p> <p>Related concepts:</p> <p>Dependence, impact, relationships</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> -Different farm animals and environments -Farmer’s duties and farm products -Comparing life on a farm and in a town 	<p>Central idea:</p> <p>Manners affect others.</p> <p>Key concepts:</p> <p>function, responsibility, reflection</p> <p>Related concepts:</p> <p>Behaviour, fairness</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> -Basic manners -Importance of manners -Group decision making 			<p>Central idea:</p> <p>Marine wildlife impacts the balance of ecosystems.</p> <p>Key concepts:</p> <p>form, connection, causation</p> <p>Related concepts:</p> <p>Adaptation, interdependence, impact</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> - Water animals and plants - Differences between water and land life - Impact of pollution on water life

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4, 5,6	<p>Central idea:</p> <p>Families function in various ways.</p> <p>Key concepts:</p> <p>Function, perspective, connection</p> <p>Related concepts:</p> <p>Family, roles, identity, reflection</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> - The function of the family - Family involvement in society - Families in different cultures 	<p>Central idea:</p> <p>A shared habitat is a constantly changing environment which affects the needs of people and animals.</p> <p>Key concepts:</p> <p>Change, responsibility, reflection</p> <p>Related concepts:</p> <p>Habitat, needs, consequences</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> - How a habitat changes over time - How people and animals affect a habitat - Humans' and animals' needs in a shared living space 	<p>Central idea:</p> <p>We express ourselves through music in unique ways.</p> <p>Key concepts:</p> <p>Form, function, perspective</p> <p>Related concepts:</p> <p>Communication, cooperation, identity</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> - Different styles of music - Making own music - Influence of music on me 	<p>Central idea:</p> <p>Various sources of light reveal things in different ways.</p> <p>Key concepts:</p> <p>Function, Causation change</p> <p>Related concepts:</p> <p>Structure, transformation</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> - Different ways that light behaves - Discovering and making shadows using different light sources - Reflective surfaces and how things can look different 	<p>Central idea:</p> <p>Organisation affects daily life.</p> <p>Key concepts:</p> <p>Function, causation, connection</p> <p>Related concepts:</p> <p>Chronology, impact, interdependence</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> - Daily routine - Sense of time management - Time concept 	<p>Central idea:</p> <p>Plants, animals and people are a part of various systems.</p> <p>Key concepts:</p> <p>change, connection, function</p> <p>Related concepts:</p> <p>Cycles, interdependence, systems</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> - life cycles of plants and animals - Interdependence between living things - The importance of life cycles for all living things

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6,7	<p>Central idea:</p> <p>My physical and mental characteristics make me who I am</p> <p>Key concepts:</p> <p>Connection, Reflection, form</p> <p>Related concepts:</p> <p>Interdependence, behaviour, properties</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> - senses connect me with the world - mindfulness - my physical body 	<p>Central idea:</p> <p>Traditions and celebrations show similarities and differences between cultures</p> <p>Key concepts:</p> <p>Form, function, perspective</p> <p>Related concepts:</p> <p>Similarities, differences, role, beliefs</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> - Traditions and celebrations in our lives - How and why people celebrate - Important events in our lives 	<p>Central idea:</p> <p>We express ourselves using our thoughts and ideas in many different ways.</p> <p>Key concepts:</p> <p>Form, perspective, reflection</p> <p>Related concepts:</p> <p>Structure, subjectivity, opinions, review, interpretation</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> - Text formats and their elements - Points of perspective -Me as a communicator 	<p>Central idea:</p> <p>The use of water reflects who we are.</p> <p>Key concepts:</p> <p>Form, causation, responsibility</p> <p>Related concepts:</p> <p>Properties, cycle, transformation, initiative</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> - Properties and sources of water - Consequences of water use - Rational use of water 	<p>Central idea:</p> <p>We are a part of the school community which brings different responsibilities</p> <p>Key concepts:</p> <p>Form, function, responsibility</p> <p>Related concepts:</p> <p>System, communication, relationships</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> - Grade one and a school community -Class routines and processes -our responsibilities as learners 	<p>Central idea:</p> <p>Sharing Earth with plants brings responsibilities.</p> <p>Key concepts:</p> <p>Change, responsibility, connection</p> <p>Related concepts:</p> <p>Growth, cycles, interdependence, initiative</p> <p>Lines of inquiry:</p> <ul style="list-style-type: none"> - Life cycle of a plant - Caring for plants - Contribution of plants to life on Earth

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7, 8	<p>Central idea Differences and similarities make us unique.</p> <p>Key concepts: function, causation, connection</p> <p>Related concepts: role, pattern, interdependence</p> <p>Lines of inquiry -Different roles, habits and routines we have in our everyday lives and reasons for them - Different homes and cultures - Uniqueness of each child, his/her family</p>	<p>Central idea The way people communicate evolves over time</p> <p>Key concepts: Change, form, function</p> <p>Related concepts: progress, discovery, chronology, history</p> <p>Lines of inquiry - How has communication between people changed over time -communication inventions through time - comparing and contrasting different communication inventions</p>	<p>Central idea People express feelings and ideas through arts in various ways.</p> <p>Key concepts: perspective, connection, reflection</p> <p>Related concepts: opinion, value, interpretation</p> <p>Lines of inquiry -how emotions can be expressed through the arts - how artists are inspired by their feelings - personal responses to creative works</p>	<p>Central idea Rocks tell the story of the earth.</p> <p>Key concepts: form, connection, function</p> <p>Related concepts: geology, erosion, structure, cycles</p> <p>Lines of inquiry -different types of rocks - how are minerals and rocks connected - how we use rocks in different ways</p>	<p>Central idea The choices we make influence our health in different ways.</p> <p>Key concepts: form, causation, responsibility</p> <p>Related concepts: impact, structure, initiative</p> <p>Lines of inquiry -being healthy -how physical activity and dietary choices affect our lives -(healthy) lifestyle habits</p>	<p>Central idea Animal groups and their characteristics impact their shared habitats.</p> <p>Key concepts: form, causation, responsibility</p> <p>Related concepts: classification, growth, habitat</p> <p>Lines of inquiry -classification of animals - animals' habitats and their impact -interaction with animals</p>

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8, 9	<p>Central idea</p> <p>Individual perception of the world influences ones thinking.</p> <p>Key concepts: function, Connection, responsibility</p> <p>Related concepts: Systems, role, interdependence, initiative</p> <p>Lines of inquiry -how senses work -what brain does -dealing with limitations</p>	<p>Central idea</p> <p>Exploration leads to discoveries, opportunities and new understandings.</p> <p>Key concepts: connection, form, causation</p> <p>Related concepts: systems, role, consequences</p> <p>Lines of inquiry -nature and other tools we use to orientate -who the early explorers were and their explorations -impact of discoveries today</p>	<p>Central idea</p> <p>The design of buildings and structures is dependent upon the environment and available materials</p> <p>Key concepts: Form, change, connection</p> <p>Related concepts: Structure , adaptation, interdependence</p> <p>Lines of inquiry -Buildings and structures and materials used -enviroment and material use impact on buildings and structures -Indigenous architecture</p>	<p>Central idea</p> <p>Weather conditions impact people’s lives.</p> <p>Key concepts: form, change, connection</p> <p>Related concepts: adaptation, initiative, consequences</p> <p>Lines of inquiry -difference between weather and climate -reasons for weather changes -weather problems: people and places are affected by the weather</p>	<p>Central idea</p> <p>In various situations we work and communicate differently.</p> <p>Key concepts: form, change, reflection</p> <p>Related concepts: similarities, differences, independence, responsibility/behaviour</p> <p>Lines of inquiry - forms of communication - conflict resolution - I as a reflective student in various situations</p>	<p>Central idea</p> <p>Children worldwide face various challenges and risks.</p> <p>Key concepts: Connection, perspective, responsibility</p> <p>Related concepts: relationships, subjectivity, rights</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> - rights are connected to responsibilities - Children’s rights around the world - What happens if we don’t accept our responsibilities

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9, 10	<p>Central idea</p> <p>Beliefs, values and culture have an impact on who we are as individuals.</p> <p>Key concepts: Form, perspective, connection</p> <p>Related concepts: religion, traditions, values, beliefs</p> <p>Lines of inquiry -Main world religions -Common aspects of different religions -Values promoted by different religions</p>	<p>Central idea</p> <p>Past civilisations influence contemporary societies.</p> <p>Key concepts: form, change, connection</p> <p>Related concepts: Discovery, innovation, continuity</p> <p>Lines of inquiry -past civilizations -daily life in past civilizations -Past civilizations and their influence on present-day societies</p>	<p>Central idea</p> <p>Stories come in different forms.</p> <p>Key concepts: form, function, perspective</p> <p>Related concepts: communication, traditions</p> <p>Lines of inquiry - Myths, legends, tales and fables around the world - Similarities and differences between fables, myths, tales and legends - Characterization, plot development and the role of setting</p>	<p>Central idea</p> <p>Earth provides energy for different uses.</p> <p>Key concepts: change, function, responsibility,</p> <p>Related concepts: Conservation of energy, transformation</p> <p>Lines of inquiry - how renewable and non-renewable energy sources change -Use of energy in today's world -saving energy</p>	<p>Central idea</p> <p>Transportation systems around the world affect our lives in different ways.</p> <p>Key concepts: causation, responsibility, connection</p> <p>Related concepts: discovery, safety, transportation, interdependence</p> <p>Lines of inquiry - impact of transportation - Local traffic, safety and traffic manners - Reasons for transportation</p>	<p>Central idea</p> <p>The conservation of forests balances ecosystems.</p> <p>Key concepts: Function, connection, responsibility</p> <p>Related concepts: classification, ecosystems, balance</p> <p>Lines of inquiry -The diversity of trees and their importance -the ecosystem of a forest -Significant events that affect the balance of an ecosystem and their consequences</p>

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10, 11	<p>Central idea</p> <p>Our bodies react in different ways to external and internal influences.</p> <p>Key concepts: form, causation, responsibility</p> <p>Related concepts: conflict, identity, communication</p> <p>Lines of inquiry -external and internal influences -Consequences of influences -How to deal with them</p>	<p>Central idea</p> <p>There are different ways of interpreting how a man has evolved over time.</p> <p>Key concepts: perspective, change; causation</p> <p>Related concepts: beliefs, prehistory/history (timeline), evolution, adaptation, migration</p> <p>Lines of inquiry - Theories about the evolution of a man - orientation in place and time - evolution of a man through time</p>	<p>Central idea</p> <p>We use various codes to communicate non-verbally for a number of purposes.</p> <p>Key concepts: form, causation, function</p> <p>Related concepts: innovation, communication</p> <p>Lines of inquiry -ways of non-verbal communication -reasons for different codes - recording systems</p>	<p>Central idea</p> <p>Diverse planet habitats offer different opportunities for hosting life.</p> <p>Key concepts: form, function, causation</p> <p>Related concepts: Systems, sustainability, evidence</p> <p>Lines of inquiry -the positions and conditions of space bodies in our Solar System -planets' suitability for human/Earth life (organisms, plants, animals, humans) -missions to planets finding evidence of life</p>	PYP EXHIBITION	<p>Central idea</p> <p>There are many ways to conserve animals.</p> <p>Key concepts: causation, connection, responsibility</p> <p>Related concepts: endangered, conservation, balance</p> <p>Lines of inquiry -endangered animals and reasons for them -importance of animals for the balance of nature; -conservation of animals</p>