

Morningson Primary School PYP Programme of Inquiry 2015-2016

	Who We Are	Where We Are In Place and Time	How We Express Ourselves	How The World Works	How We Organise Ourselves	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 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.	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 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.	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
STAR 5-6 year olds	<p>Central Idea Being active helps us stay healthy</p> <p>Key concepts : connection, responsibility Related concepts : health, balance</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> We keep ourselves healthy in many ways Being active can be lots of fun 	<p>Central Idea People develop ways of knowing where we are in place and time</p> <p>Key concepts : reflection Related concepts : evidence</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Tools we use for knowing where we are in place and time Indicators of where we are in place and time 	<p>Central Idea People express themselves in a variety of ways</p> <p>Key concepts: form, perspective Related concepts: communication</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> There are many ways we can express ourselves. People write for different reasons. 	<p>Central Idea Our activity is usually connected to Earth's natural cycles</p> <p>Key concepts: function, causation, change Related concepts: cycles, interaction</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Night and day cycles (dark and light) Seasonal changes How the Earth's cycles affect our daily lives Understanding how our solar system works helps us understand Earths cycles 	<p>Central Idea School is organised so that we can learn.</p> <p>Key concepts : causation and form Related concepts : consequences</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> What our school looks like How our school is organised Many people work at our school and they have different roles 	<p>Central Idea Plants help people and other living things survive</p> <p>Key concepts: connection, responsibility Related concepts: interdependence, systems</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> What plants provide for us and other living things The structure of a plant Caring for plant life
Prep 5-6 year olds	<p>Central Idea We are all unique individuals, but share similarities</p> <p>Key concepts: form, connection Related concepts: identity, diversity</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> What makes me unique Recognising similarities and differences between myself and others Family celebrations 	<p>Central Idea People and places change over time.</p> <p>Key concepts: change, reflection Related concepts: diversity, internationalism</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Ways of discovering history Ways of recording and sharing history How things have changed over times 	<p>Central Idea We can use our imagination to express ourselves</p> <p>Key concepts: perspective Related concepts: imagination</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> How we express our imagination How our imagination helps us consider other perspectives How imagination helps us solve problems The value of imagination 	<p>Central Idea Understanding the properties of materials can help us solve problems.</p> <p>Key concepts: form, causation, function Related concepts: behaviour, prediction</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Behaviour, uses and features of materials Changing properties of materials Manipulation of materials for specific purposes 	<p>Central Idea There are things we can do to keep ourselves safe</p> <p>Key concepts: responsibility Related concepts: independence</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Safety inside and outside the home Safety at school Making safe choices Organisations/people/procedures that help us stay safe 	<p>Central Idea Living things have certain requirements to grow and stay healthy</p> <p>Key concepts: form, responsibility Related concepts: living and non-living, classification</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Characteristics of living things Our needs and the needs of other living things Our responsibility for the well-being of other living things

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1/2 2015 6-8 year olds	<p>Central Idea Our senses help us to understand the world</p> <p>Key concepts: function, perspective Related concepts: diversity</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> How our senses work We can gather specific information from using our senses Our senses help us determine our perspective of the world The things we sense are produced by a range of sources 	<p>Central Idea Homes reflect the local culture, economy and local environment</p> <p>Key concepts: form, causation Related concepts: culture,</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Different types of homes Impact of culture on homes Impact of environment on homes Impact of economy on homes 	<p>Central Idea Through stories, people express their ideas creatively.</p> <p>Key concepts: function, perspective Related concepts: communication</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> There are many ways to tell a story There are many reasons to tell a story 	<p>Central Idea Mixing materials creates new products</p> <p>Key concepts: change, connection, Related concepts: production</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Everyday materials can be changed in a variety of ways A variety of techniques can be used to mix materials We combine materials for a variety of purposes 	<p>Central Idea People use different forms of transport for different reasons.</p> <p>Key concepts: function, connection, responsibility Related concepts: systems</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Specific purposes of different transportation systems Factors that affect the kinds of transport available How transport meets the needs of the community. 	<p>Central Idea Adaptations improve an animal's chances of survival in certain conditions.</p> <p>Key concepts: function, causation Related concepts: adaptation, evolution</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Adaptations involve body parts, body coverings or behaviours. Some adaptations are physical and some are behavioural The conditions that lead to adaptation Animals live in or adapt to places where their needs are met
1/2 2016 6-8 year olds	<p>Central Idea Decisions we make influence our personal health</p> <p>Key concepts: connection, responsibility Related concepts: balance, well-being</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Daily habits and routines (hygiene, sleep, play, eating) Balanced choices Consequences of choices 	<p>Central Idea Historical artefacts and sites help us learn about life in the past.</p> <p>Key concepts: reflection, connection Related concepts: culture, lifestyles</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Family life in the past was different to family life today Communities in the past were different to communities today 	<p>Central Idea A variety of signs and symbols facilitate local and global communication</p> <p>Key concepts: form, function, causation Related concepts: culture, media, pattern</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> What are signs and symbols? How are signs and symbols used to communicate? Why are signs and symbols used to communicate around the world? 	<p>Central Idea All living things go through a process of change</p> <p>Key concepts: change Related concepts: cycles, transformation</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Developmental stages of various living things Living things grow, change and have offspring similar to themselves How living things change over their life time 	<p>Central Idea Most food goes through several stages of production before it gets to homes</p> <p>Key concepts: function, change Related concepts: systems</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> How food is produced Different ways of processing food Food can change due to different processes 	<p>Central Idea Our personal choices can affect and change our environment</p> <p>Key concepts: responsibility, reflection Related concepts: sustainability</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Personal choices that can help sustain the environment Earth's resources (including water) are limited Reusing and recycling materials helps the environment Reducing waste helps the environment

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3/4 2015 8-10 year olds	<p>Central Idea Humans think and learn in a range of ways</p> <p>Key concepts: function, perspective, reflection Related concepts: diversity</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> How does the human brain work? Different learning styles How do we know the best way for us to learn? 	<p>Central Idea People move throughout the world for a variety of reasons</p> <p>Key concepts: causation, perspective, connection Related concepts: population, pattern</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> The reasons why people migrate Effects of migration on communities, cultures and individuals 	<p>Central Idea Through the arts people use different forms of expression to convey their thoughts, feelings, emotions and culture.</p> <p>Key concepts: form, perspective Related concepts: perception, self-expression</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> The different art forms The influences on how we create and interpret different art forms 	<p>Central Idea Understanding and harnessing forces makes our lives easier</p> <p>Key concepts: function, connection Related concepts: force, inventions</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> The different forces which exist The ways humans harness forces 	<p>Central Idea Communities require cooperation to be successful</p> <p>Key concepts: form, function, responsibility Related concepts: similarities, impact</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> We are involved in many different types of communities Cooperation involves many different skills and attitudes 	<p>Central Idea Water is essential to life and is a limited resource</p> <p>Key concepts: function, responsibility Related concepts: sustainability, equity Lines of inquiry</p> <ul style="list-style-type: none"> Sources of water and how water is used What happens to water after we have used it Distribution and availability of usable water Responsibilities regarding water
3/4 2016 8-10 year olds	<p>Central Idea The human body is made up of many systems</p> <p>Key concepts: function, connection, responsibility Related concepts: systems</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> How systems in the human body work The interdependence of the systems in the human body How we can keep our body systems healthy 	<p>Central Idea A nation's identity is influenced by its history</p> <p>Key concepts: causation, perspective, reflection Related concepts: history, impact</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> The impact of discoveries, and social changes Key historical events and their impact 	<p>Central Idea People recognize important events through celebrations and traditions</p> <p>Key concepts: form, perspective Related concepts: beliefs, culture, values</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Many traditional celebrations are recognised around the world How and why people celebrate Similarities and differences between various celebrations The meaning of symbols and emblems 	<p>Central Idea Understanding the properties of heat production and transfer allows people to make practical applications.</p> <p>Key concepts: change, connection Related concepts: chemistry</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> How heat is produced and transferred The ways humans use heat in their everyday lives 	<p>Central Idea People use currency as a means of trade</p> <p>Key concepts: function, connection, form Related concepts: systems</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Currencies can be different depending on place and time The value of money depends on a variety of things Goods and services are connected to currency 	<p>Central Idea Animal life is affected by human decisions.</p> <p>Key concepts: responsibility and causation Related concepts: conservation, adaptation, sustainability</p> <p>Lines of inquiry</p> <p>The responsibility humans have towards animal life</p> <p>The way humans have impacted animal life</p> <p>The natural occurrences that have/do impact animal life</p>

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5/6 2015 10-12 year olds	<p>Central Idea Like all humans, children have rights and responsibilities.</p> <p>Key concepts: perspective, responsibility Related concepts: behaviour, responsibility</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Our rights and responsibilities Consequences of the removal of rights and responsibilities. The different perspectives of rights and responsibilities 	<p>Central Idea A nation's story has many perspectives</p> <p>Key concepts: perspective, causation Related concepts: geography, heritage, culture, identity Lines of inquiry</p> <ul style="list-style-type: none"> Migration helps shape nations Individuals and groups contributed to the development of Australian society Changes to Australian society throughout the 20th century 	<p>Central Idea Performance is a powerful tool that can shape beliefs, ideas and opinions.</p> <p>Key concepts: responsibility, reflective, function Related concepts: communication</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Performance can be undertaken in a variety of ways There are a diverse range of techniques used in performance 	<p>Central Idea Energy may be converted from one form to another</p> <p>Key concepts: form, function, change Related concepts: transformation</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> There are different forms of energy Energy can be transformed Renewable and sustainable energy 	<p>Central Idea Supply and demand of goods and services is dependent on a range of factors.</p> <p>Key concepts: function, connection, causation Related concepts: supply and demand</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Causes of supply and demand Supply and demand are connected? Factors that affect a business 	<p>Central Idea Human use of the environment can bring about conflict.</p> <p>Key concepts: perspective, causation, connection Related concepts: conflict</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Causes of conflict Positive and negative actions in conflict resolution
5/6 2016 10-12 year olds	<p>Central Idea Many different belief systems are held around the world.</p> <p>Key concepts: perspective, causation Related concepts: diversity, beliefs</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> What we believe Diversity The impact of beliefs on society <p>In 2016 the Grade 6 Exhibition will be carried out under the theme of "Who We Are"</p>	<p>Central Idea Significant people and events shaped colonial Australia</p> <p>Key concepts: reflection, connection Related concepts: lifestyles, culture, diversity</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Stories and artefacts teach us about colonial life Changes occur to the environment due to settlement Colonial Australia changed over time 	<p>Central Idea Language is a way to express and explore ideas, feelings and emotions</p> <p>Key concepts: perspective, reflection, form Related concepts: opinion, interpretation</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> What we write may contain a message or purpose What different techniques writers use to elicit feelings/emotions/ideas? How language is used to express and explore ideas, feelings and emotions 	<p>Central Idea The fact that materials can undergo permanent or temporary changes poses challenges and provides benefits for society and the environment.</p> <p>Key concepts: causation, function, change Related concepts: transformation, measurement</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Chemical and physical changes. How/why? Applications and implications of change in materials 	<p>Central Idea Governmental decisions have an impact on people and the environment</p> <p>Key concepts: function, responsibility, causation Related concepts: government, equality</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> How different forms of government work Human and environmental consequences of governmental decisions The changes that governmental decisions have caused 	<p>Central Idea Ecological balance can be affected in a variety of ways</p> <p>Key concepts: connection, responsibility Related concepts: biodiversity, interdependence, systems</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Ecosystems need each other to thrive and survive. Ways in which organisms are connected to each other How human interaction with the environment can affect the balance of systems