

# Queen Mary Elementary's Program of Inquiry

	Who We Are	Where We Are in Place and Time	How We Express Ourselves	How the World Works	How We Organize	Sharing the Planet
<b>K</b>	An inquiry into <b>the nature of self</b> ; beliefs and values; personal, physical, mental, social and spiritual health; human relationships including families, friends, communities, and cultures; right and responsibilities; what it means to be human		An inquiry into <b>the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values</b> ; the ways in which we reflect on, extend and enjoy our creativity; our appreciation of the aesthetic.	An inquiry into <b>the natural world and its laws</b> ; 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 <del>the environment</del>		An inquiry into <b>rights and responsibilities in the struggle to share finite resources with other people and with other living things</b> ; communities and the relationships within and between them; access to equal opportunities; peace and conflict resolution.
Central Idea	Behaviour and communication affects others		Stories help individuals understand the world	Properties of objects define their purpose		Living things are interconnected
Key Concepts	function connection responsibility		form connection perspective	form function causation		function causation change
Learner Profile Attributes	balanced principled caring		communicator risk-taker reflective	inquirer knowledgeable risk-taker		knowledgeable thinker principled
Lines of Inquiry	how cooperation in play builds friendships  factors that contribute to healthy relationships  how emotions affect behaviour		different forms of stories  the purpose of stories  how perspectives influence behaviour	properties of objects  how we use different materials  ways objects move		how features of plants and animals help them meet their needs  how people use plants and animals  how seasonal change affects living things

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<b>Gr 1</b>	An inquiry into the nature of self; beliefs and values; personal, physical, mental, social and spiritual health; <b>human relationships including families, friends, communities, and cultures</b> ; right 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; <b>the relationships between and the interconnectedness of individuals and civilizations, from local and global perspectives</b>	An inquiry into <b>the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values</b> ; 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; <b>the interaction between the natural world (physical and biological) and human societies</b> ; how humans use their understanding of scientific principles; the impact of scientific and technological advances on society and on the environment	An inquiry into <b>the interconnectedness of human-made systems and communities</b> ; the structure and function of organizations; societal decision-making; economic activities and their impact on humankind and the environment.	An inquiry into <b>rights and responsibilities in the struggle to share finite resources with other people and with other living things</b> ; communities and the relationships within and between them; access to equal opportunities; peace and conflict resolution.
Central Idea	Relationships strive for balance	Stories convey universal messages	Personal experiences shape self-expression	Recognizing patterns deepens understanding of the environment	The natural world affects community growth	Adaptations optimize survival
Key Concepts	function connection responsibility	form change perspective	form function reflection	form function perspective	form function responsibility	form causation change
Learner Profile Attributes	principled caring balanced	knowledgeable thinker reflective	communicator open-minded risk-taker	inquirer thinker open-minded	thinker caring balanced	inquirer knowledgeable caring
Lines of Inquiry	building healthy relationships  individual well-being  our personal responsibilities in communities	elements of a story  how experiences transform individuals  messages understood from stories	forms of expression  how communication conveys meaning  how feelings influence self-expression	sources and properties of light and sound  patterns on Earth and in the sky  the role of the natural world in Indigenous cultures	natural and human-made features of the environment  how communities are organized to meet needs and wants  relationships between a community and its environment	characteristics and behaviours of living things  how resources in habitats affect survival  how living things adapt to their environment

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<b>Gr 2</b>	An inquiry into the nature of self; beliefs and values; <b>personal, physical, mental, social and spiritual health</b> ; human relationships including families, friends, communities, and cultures; right and responsibilities; what it means to be human	An inquiry into orientation in place and time; personal histories; <b>homes and journeys</b> ; 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 <b>the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values</b> ; the ways in which we reflect on, extend and enjoy our creativity; our appreciation of the aesthetic.	An inquiry into <b>the natural world and its laws</b> ; 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; <b>the structure and function of organizations</b> ; societal decision-making; economic activities and their impact on humankind and the environment.	An inquiry into <b>rights and responsibilities in the struggle to share finite resources with other people and with other living things</b> ; communities and the relationships within and between them; access to equal opportunities; peace and conflict resolution.
Central Idea	Self-awareness develops relationships	Geography and technology drive settlement	Storytelling connects communities beliefs and values	Forces transform matter	Social organizations emerge to satisfy the needs of individuals and groups	Human behaviour impacts organisms that grow and change in cycles
Key Concepts	function causation reflection	form change causation	form function perspective	causation change connection	function connection responsibility	form connection responsibility
Learner Profile Attributes	communicator principled balanced	communicator open-minded reflective	open-minded communicator risk-taker	inquirer thinker risk-taker	principled risk-taker reflective	inquirer knowledgeable caring
Lines of Inquiry	self-awareness and self-regulation  decision making  problem solving and goal setting	place and geography  change over time  local and global communities	physical expressions of traditions  storytelling  beliefs and values	interaction between different matter  properties and transformation of matter  the effects of different forces	roles  citizenship  governing structures and their networks	similarities and differences among cycles  human impact on the environment  action and initiative

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<b>Gr 3</b>	An inquiry into the nature of self; beliefs and values; personal, physical, mental, social and spiritual health; human relationships including families, friends, communities, and cultures; right and responsibilities; <b>what it means to be human</b>	An inquiry into orientation in place and time; personal histories; homes and journeys; the discoveries, explorations and migrations of humankind; <b>the relationships between and the interconnectedness of individuals and civilizations, from local and global perspectives</b>	An inquiry into the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values; <b>the ways in which we reflect on, extend and enjoy our creativity</b> ; our appreciation of the aesthetic.	An inquiry into the natural world and its laws; <b>the interaction between the natural world (physical and biological) and human societies</b> ; 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 <b>interconnectedness of human-made systems and communities</b> ; 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; <b>communities and the relationships within and between them</b> ; access to equal opportunities; peace and conflict resolution.
Central Idea	Struggles and triumphs shape personal identity	Knowledge of the local environment influences innovation	Patterns create order in communication	Energy can be transferred to meet human needs	Governance reflects cultural values	Natural environments are diverse and interconnected
Key Concepts	form causation connection	change connection reflection	function causation connection	function causation perspective	form causation perspective	form function connection
Learner Profile Attributes	principled communicator reflective	knowledgeable reflective risk-takers	risk-taker communicator open-minded	inquirer knowledgeable reflective	inquirer open-minded reflective	thinker principled balanced
Lines of Inquiry	elements of narratives  ways in which we respond to and interpret stories  the development of personal identity	innovation and technology  environmental influences on technology  indigenous ways of knowing	investigating patterns  how we create order out of chaos  real life application of patterns	the building blocks of matter  energy transfer  needs and wants	characteristics of indigenous cultures  indigenous systems of government  personal values	similarities and differences between environments  interaction within an ecosystem  relationship between living and non-living things

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<b>Gr 4</b>	An inquiry into the nature of self; beliefs and values; <b>personal, physical, mental, social and spiritual health</b> ; human relationships including families, friends, communities, and cultures; right and responsibilities; what it means to be human	An inquiry into <b>orientation in place and time</b> ; 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 <b>the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values</b> ; 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; <b>the interaction between the natural world (physical and biological) and human societies</b> ; 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; <b>the structure and function of organizations</b> ; 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; <b>communities and the relationships within and between them</b> ; access to equal opportunities; peace and conflict resolution.
Central Idea	Balance enhances well-being	Events in the past shape the future	Place can inspire art	The transformation of energy is a driving force in life	An optimal learning environment meets the needs of all learners	Living things adapt to changes in the environment to survive
Key Concepts	causation connection responsibility	causation perspective responsibility	causation connection responsibility	form change responsibility	function causation reflection	form causation connection
Learner Profile Attributes	principled open-minded balanced	caring open-minded open-minded	communicator risk-taker principled	inquirer thinker reflective	inquirer thinker principled	reflective principled caring
Lines of Inquiry	what it means to be physically healthy  mental health and how it affects us  how to maintain healthy relationships	what drives people to explore and settle  conflict and cooperation  reconciliation	sense of place  inspiration  how we respond to art	the many forms of energy  how energy transforms  sustainability	physical and social learning environments  understanding our responses to environments  learner needs	sensory responses of living things  types of biomes  factors that affect habitats

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<b>Gr 5</b>	An inquiry into the nature of self; beliefs and values; <b>personal, physical, mental, social and spiritual health</b> ; human relationships including families, friends, communities, and cultures; right and responsibilities; what it means to be human	An inquiry into orientation in place and time; personal histories; homes and journeys; <b>the discoveries, explorations and migrations of humankind</b> ; 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; <b>the ways in which we reflect on, extend and enjoy our creativity</b> ; 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; <b>the impact of scientific and technological advances on society and on the environment</b>	An inquiry into the interconnectedness of human-made systems and communities; <b>the structure and function of organizations</b> ; societal decision-making; economic activities and their impact on humankind and the environment.	An inquiry into <b>rights and responsibilities in the struggle to share finite resources with other people and with other living things</b> ; communities and the relationships within and between them; access to equal opportunities; peace and conflict resolution.
Central Idea	Interconnectedness between body systems contributes to health	Human rights and discrimination influence public policy	Modes of storytelling influence interpretation	Machines reduce work	Structures and systems organize society	People depend on the earth's natural resources for survival
Key Concepts	function causation connection	causation change perspective	form change perspective	form causation connection	change responsibility reflection	causation change responsibility
Learner Profile Attributes	knowledgeable balanced principled	open-minded inquirer reflective	open-minded risk-taker reflective	risk-taker thinker communicator	thinker communicator open-minded	balanced caring principled
Lines of Inquiry	body systems and their structures/components  how body systems are interconnected  the impact of lifestyle choices on health	responses to discrimination and the development of multiculturalism  the reasons people migrate  the experiences of immigrants	different modes of communication  forms of self-expression and storytelling	types of simple machines  how forces and energy relate to simple machines  how machines contribute to everyday life	decision-making  governance  leadership	how we extract, harvest, and process natural resources  how we use natural resources  the effects of our use of natural resources on the environment

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<b>Gr 6</b>	An inquiry into the nature of self; beliefs and values; personal, physical, mental, social and spiritual health; human relationships including families, friends, communities, and cultures; <b>rights and responsibilities</b> ; what it means to be human	An inquiry into orientation in place and time; personal histories; homes and journeys; <b>the discoveries, explorations and migrations of humankind</b> ; the relationships between and the interconnectedness of individuals and civilizations, from local and global perspectives	An inquiry into <b>the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values</b> ; 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; <b>how humans use their understanding of scientific principles</b> ; 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; <b>economic activities and their impact on humankind and the environment.</b>	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; <b>peace and conflict resolution.</b>
Central Idea	Changes in adolescence affect identity and role within the community	Advances in science and technology enable exploration and discovery	Media influence interpretation and public perception of messages	Understanding how products are made helps consumers make informed choices	International cooperation is required to tackle complex global problems	People have a moral responsibility to protect human rights
Key Concepts	change connection responsibility	function change connection	form function perspective	function connection responsibility	function causation perspective	function perspective responsibility
Learner Profile Attributes	principled open-minded caring	thinker risk-taker	communicator principled risk-taker	knowledgeable inquirer	thinker principled reflective	caring balanced
Lines of Inquiry	coming of age  factors that shape our identity  responsibilities in community building	urbanization and migration  technological advances required for exploration  the relationship between Earth and the rest of the universe	artistic expression in the digital age  how media influences public perception  practices that promote internet safety	mixtures and solutions  real-world application of chemistry  ethical decision making	data can be interpreted in different ways and for a variety of different purposes  the impact of government decision making on resources  conflict resolution strategies	systems of government  inequality issues  the role of the UN in protecting human rights

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<b>Gr 7</b>	An inquiry into the nature of self; <b>beliefs and values</b> ; personal, physical, mental, social and spiritual health; human relationships including families, friends, communities, and cultures; right 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; <b>the relationships between and the interconnectedness of individuals and civilizations, from local and global perspectives</b>	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; <b>our appreciation of the aesthetic.</b>	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; <b>the impact of scientific and technological advances on society and on the environment</b>	An inquiry into the <b>interconnectedness of human-made systems and communities</b> ; 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; <b>access to equal opportunities</b> ; peace and conflict resolution.
Central Idea	Personal and cultural values influence consumption choices	Scientific theory and narratives reinforce human understanding of origin	The natural world facilitates discovery and self expression	Needs and wants drive technological innovation	Human-made systems contribute to the progress and decline of civilizations	Exhibition 2018
Key Concepts	form function causation	change perspective responsibility	connection perspective reflection	form function causation	causation change connection	all
Learner Profile Attributes	balanced communicator risk-taker	open-minded reflective	risk-taker caring	thinker inquirer reflective	inquirer knowledgeable open-minded	all
Lines of Inquiry	marketing and design  nutrition and food preparation  beliefs and values	evolution of species  narratives of origin  acceptance of various beliefs	the discovery and interpretation of patterns  the aesthetic within the natural world  self expression inspired by nature	design cycle  harnessing and producing energy  innovations across time	purpose of systems  societal development  interdependence of human-made systems	