

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
K	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 ; what it means to be human		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 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.
Central Idea	Behaviour and communication affects others		Stories help individuals connect with the world	Discovering the properties of materials enables creativity		Living things are interconnected
Key Concepts	function connection responsibility		form connection perspective	form function causation		function connection responsibility
Learner Profile Attributes	communicator principled caring balanced		communicator risk-taker reflective open-minded	inquirer knowledgeable risk-taker		balanced 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 how stories evoke personal connections how perspectives influence behaviour	properties of objects why objects are made of certain materials how play fosters creativity		how plants and animals meet their needs how plants and animals are connected within ecosystems human responsibility towards living things

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Gr 1	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; 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.
Central Idea	Individual choices affect relationships	Stories convey universal messages	Personal experiences shape self-expression	Understanding patterns helps living things take action	The natural world and community growth are interconnected	Adaptations help organisms survive
Key Concepts	causation connection responsibility	form change perspective	form connection perspective	form function causation	form function causation	form causation change
Learner Profile Attributes	principled caring balanced	knowledgeable thinker reflective	communicator open-minded risk-taker	inquirer thinker reflective	thinker principled open-minded	inquirer knowledgeable caring
Lines of Inquiry	relationship building individual well-being personal responsibilities	elements of a story how experiences transform individuals messages understood from stories	forms of expression the relationship between feelings and self-expression how art has meaning	sources and properties of light and sound observable patterns in the environment ways living things respond to patterns	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, behaviours and habitats of living things the relationship between humans and the local environment why organisms adapt

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Gr 2	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; 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.
Central Idea	Self-awareness develops relationships	Geography and technology drive settlement	Communities share beliefs and values through stories	Exploration leads to discovery	Organizations emerge to satisfy needs	Human behaviour impacts organisms that grow and change in cycles
Key Concepts	function causation responsibility	form causation change	form function perspective	function causation change	function connection responsibility	form connection responsibility
Learner Profile Attributes	caring principled balanced	thinker open-minded reflective	open-minded communicator risk-taker	inquirer thinker risk-taker	principled open-minded inquirer	inquirer knowledgeable caring
Lines of Inquiry	self-awareness and self-regulation decision making & problem solving strategies goal setting	place and geography change over time local and global communities	physical expressions of traditions storytelling beliefs and values	forces and motion transformation of matter thinking about the natural world	different roles and how they work connections between services and careers what it means to be a citizen	similarities and differences among cycles human impact on the environment action and initiative

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Gr 3	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; 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.
Central Idea	Struggles and triumphs shape personal identity	Knowledge of the land enhances quality of life	Playing with language builds confidence and fosters creativity	The design cycle enables humans to alter matter	Societal patterns reflect cultural values	Natural environments are diverse and interconnected
Key Concepts	causation change connection	causation connection perspective	function connection perspective	form causation change	form function connection	form connection responsibility
Learner Profile Attributes	principled open-minded reflective	knowledgeable risk-taker balanced	risk-taker communicator reflective	inquirer knowledgeable reflective	balanced open-minded thinker	thinker principled caring
Lines of Inquiry	the development of personal identity interpreting stories how we respond to challenges	environmental influences on innovation interconnected nature of indigenous values people's relationship to the land	language development elements of a story performance skills	the building blocks of matter the design cycle how and why matter changes	characteristics of indigenous cultures real life application of patterns indigenous protocols and traditions	the diversity of life landforms and ecosystems sustainable land use

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Gr 4	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; 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.
Central Idea	An inclusive community cares about the wellness of its members	Events in the past shape the future	Art is an expression of human creativity and imagination	A sustainable future requires responsible energy use	Colonization leads to inequity and a need for reconciliation	Organisms adapt to changes in the environment to survive
Key Concepts	form connection responsibility	function causation perspective	causation connection responsibility	form change responsibility	function causation responsibility	form causation connection
Learner Profile Attributes	principled caring balanced	caring open-minded open-minded	open-minded reflective thinker	inquirer thinker reflective	thinker reflective	inquirer knowledgeable reflective
Lines of Inquiry	wellness sense of belonging responsibility to self and others	navigational tools exploration conflict & cooperation	what is art inspiration how we respond to art	forms of energy the transformation of energy sustainability	systems of trade and negotiation the pursuit of valuable natural resources why understanding the past is important for reconciliation	sensory responses of living things types of biomes factors that affect habitats

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Gr 5	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; 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.
Central Idea	Interconnectedness between body systems contributes to health	Human rights and discrimination influence public policy	Modes of storytelling influence interpretation	Machines reduce work	Understanding data and values enables citizens to make informed choices	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 perspective responsibility	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 & 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	the structure and function of government how values influence decision making analyzing data	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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Gr 6	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; 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.
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	Power and economic self-interest drive decisions among peoples and governments	Humans have a moral responsibility to protect human rights
Key Concepts	causation change responsibility	function change connection	form function perspective	function causation responsibility	function causation perspective	perspective responsibility
Learner Profile Attributes	principled open-minded caring	thinker risk-taker	communicator principled risk-taker	knowledgeable inquirer	thinker principled reflective	caring balanced principled
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 origins of production ethical decision making	the role of data in economics the impact of government decision making on resources systems of government	inequality issues the role of the UN in protecting human rights

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Gr 7	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; 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.
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	To Be Determined: student written each year
Key Concepts	form function causation	change perspective responsibility	function connection perspective	function causation change	causation change connection	student selected
Learner Profile Attributes	balanced communicator risk-taker	open-minded reflective	thinker open-minded reflective	thinker inquirer risk-taker	open-minded knowledgeable	student selected
Lines of Inquiry	nutrition and food preparation marketing and design 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	harnessing and transforming energy design cycle innovations across time	purpose of systems societal development interdependence of human-made systems	student written