



MACLACHLAN
COLLEGE



2021 2022 PROGRAMME OF INQUIRY

Grade/ Theme	WHO WE ARE	WHERE WE ARE IN PLACE & TIME	HOW WE EXPRESS OURSELVES	HOW THE WORLD WORKS	HOW WE ORGANIZE OURSELVES	SHARING THE PLANET
K	<p>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.</p>	<p>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.</p>	<p>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.</p>	<p>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.</p>	<p>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.</p>	<p>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.</p>
	<p>THE WORLD THROUGH MY SENSES</p> <p>Central Idea: Our senses allow us to explore the world.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> How our senses help us How our bodies work How our senses allow us to understand the world around us 		<p>NURSERY RHYMES</p> <p>Central Idea: Rhythm and rhyme develop our imagination.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> The function of patterns and repetition The ways in which we share our ideas Stories that express beliefs and values 	<p>LIFE CYCLES</p> <p>Central Idea: Growth and change occur in predictable ways.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Life cycles How living things change over time Similarities and differences between organisms 	<p>ME AND MY COMMUNITY</p> <p>Central Idea: People in a community meet people's needs.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Roles and responsibilities How people work together within a community Different kinds of communities 	
1	<p>OUR PLANET, OUR CHOICES</p> <p>Central Idea: Humans have responsibility for the Earth's wellbeing.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Our responsibility toward the environment Reducing, reusing and recycling The impact of human choices on our planet 	<p>A HOUSE IS A HOME TO ME</p> <p>Central Idea: Homes depend on available resources and the climate.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Different types of homes in our world Design features of natural and/or manmade homes Students' experiences with different homes or journeys 	<p>A PICTURE IS WORTH 1000 WORDS</p> <p>Central Idea: The Arts allow people to express themselves.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Interpretation The creative process Elements, principles and techniques used in The Arts 	<p>WEATHER WATCHERS</p> <p>Central Idea: Weather and climate can impact the world.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Types of weather conditions Changes in weather systems and patterns Climates and seasons around the world 	<p>IF I HAD A MILLION DOLLARS</p> <p>Central Idea: People acquire goods and services using different forms of currency.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Identification and value of currency from around the world Choices we can make with our money Different systems that help to organize our money 	<p>PROBLEM SOLVERS</p> <p>Central Idea: Conflict and peace affect the relationships within communities.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Causes of conflict Ways to resolve conflict Ways relationships change as a result of conflict
2	<p>HEALTH & WELLNESS</p> <p>Central Idea: We make choices that affect the health of our minds, bodies and relationships.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> What it means to be healthy How we measure our health Decisions we make about our health 	<p>SHARING OUR STORIES</p> <p>Central Idea: People have their own personal histories to share.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Biographies and autobiographies Family traditions Important moments in our lives 	<p>FAIRY TALES: THEN AND NOW</p> <p>Central Idea: Fairy tales communicate moral messages to their audience.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Characteristics of fairy tales The origins of fairy tales Modern and fractured fairy tales 	<p>SIMPLY MOVING WITH SIMPLE MACHINES</p> <p>Central Idea: Simple machines allow us to move around the world.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Changes in transportation over time Modes of transportation around the world The scientific principles involved in transportation 	<p>FROM AARDVARKS TO ZEBRAS: ORGANIZING ANIMALS</p> <p>Central Idea: Specific features allow us to classify living creatures.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Systems of classification The relationship between animals and their habitats Ways animals adapt to meet their needs 	<p>LEVELING THE PLAYING FIELD</p> <p>Central Idea: Equal access to recreational opportunities is important for all children.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Different talents and abilities Taking action Physical activity and recreation



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3	<p>HUMAN RIGHTS</p> <p>Central Idea: With rights come responsibilities.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Human rights and responsibilities Reasons why human rights are not met Ways people are helping others meet their human rights Human rights around the world 	<p>MIGRATION</p> <p>Central Idea: Change is a fundamental part of migration.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Reasons people move Different life changes Relationships between new and existing residents 	<p>NON-VERBAL COMMUNICATION</p> <p>Central Idea: People use non-verbal communication to convey messages.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> The power of visual communication Communication systems Ways meaning can be expressed through sounds, gestures and body language 	<p>STRONG AND STABLE STRUCTURES</p> <p>Central Idea: People can create structures to ensure strength and stability.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Types and uses of different materials Factors that affect strength and stability Structures around the world 	<p>URBAN AND RURAL COMMUNITIES</p> <p>Central Idea: The natural environment determines the type of community.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Types of urban and rural communities in the world How available resources determine the type of community The impact of the community on the environment 	<p>SOIL</p> <p>Central Idea: Soil provides an essential source of life and nutrients for many living things.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> The composition and usefulness of different types of soils The parts and life cycle of plants Ways to maintain healthy soil conditions
4	<p>KNOW THE PAST, UNDERSTAND THE FUTURE</p> <p>Central Idea: Present cultures around the world reflect elements of past civilizations.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> The effects of traditions and beliefs on daily life The similarities and differences between early and present day societies The interrelationship between the environment and societies 	<p>INVENTIONS</p> <p>Central Idea: Technological innovations and contributions can impact societies.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Contributions of inventions and inventors The uses of technology worldwide Reasons people invent and innovate 	<p>IT'S A FACT!</p> <p>Central Idea: People use communication skills to express their passions about factual information.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Techniques used in effective oral communication Effective communicators around the world How to use sources of factual information 	<p>ROCK ON</p> <p>Central Idea: The properties of rocks and minerals determine society's possible uses for them.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Properties of rocks and minerals The influence of rocks and minerals on our daily life The effects of using rocks and minerals on the environment 	<p>LOCATION, LOCATION, LOCATION</p> <p>Central Idea: Maps and graphs help us to organize information to better understand our community and the world.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> The relationship of our location to other parts of the world The use of maps and graphs to communicate information Reading maps for orientation 	<p>HABITATS</p> <p>Central Idea: Changes to habitats impact living things.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Habitats around the world Ways in which organisms are interconnected in nature How humans can affect the balance of ecosystems
5	<p>ME AND MY BODY</p> <p>Central Idea: The systems in human bodies work together to sustain life.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> How the human body works How our choices affect our bodies Healthy living practices around the world 	<p>INDIGENOUS PEOPLES</p> <p>Central Idea: The interactions between Indigenous Peoples and new settlers leads to the development of new societies.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Current and past territories and traditions of Indigenous Peoples The interaction that took place between explorers to Canada and Indigenous Peoples The lifestyles and impact of Indigenous Peoples around the world 	<p>WORDS: SPOKEN OR SUNG</p> <p>Central Idea: People communicate feelings, ideas and values through poetry and song.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Types of poetry and their origins Identifying poetry in our lives The role of rhythm and music in poetry 	<p>THINGS THAT MATTER</p> <p>Central Idea: Matter exists everywhere in a variety of states.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Properties of matter Physical and chemical changes of matter How matter can change forms to serve a new purpose 	<p>A VOTE OF CONFIDENCE</p> <p>Central Idea: Governments guide and direct individuals and groups within societies.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Ways societies organize themselves How individuals and groups can make changes to a society Rights and responsibilities of citizens within a society 	<p>CITIZENS OF PLANET EARTH</p> <p>Central Idea: Choices about using energy are dependent on the availability of resources.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Renewable and non-renewable energy sources Transformations of energy The responsible and sustainable use of energy sources
6	<p>SHAPING OUR IDENTITY</p> <p>Central Idea: Different groups may contribute to the identity and image of a country.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> The development of communities over time Contributions different groups of people can make to a country's identity The impact citizens can have in a global context 	<p>REACH FOR THE STARS</p> <p>Central Idea: Our planet Earth is surrounded by space and is part of a vast and complex universe.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Planets, stars, solar systems and galaxies The interaction between Earth and its solar system How modern technology can further our understanding of Space 	<p>ADVERTISING</p> <p>Central Idea: The influences of media can determine our choices</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Types and forms of media Messages illustrated in advertising How media persuades us to take action 	<p>FLIGHT: UP, UP AND AWAY</p> <p>Central Idea: Understanding of flight and its scientific principles can change over time, which may influence society.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Scientific principles of flight Different types of flying devices or animals The evolution of flight 	<p>THE WORLD IS GETTING SMALLER</p> <p>Central Idea: Countries can work together to address issues of global importance.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Canada's major partnerships with other countries Sharing of resources through trade The impact of international organizations 	<p>THE EXHIBITION</p> <p>Central Idea: Students will develop their own central idea and lines of inquiry.</p>

