

Maples Academy Program of Inquiry



GRADE	An inquiry into... Who we are 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... Where we are in place and time 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... How we express ourselves 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... How the world works 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... How we organize ourselves 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... How we share the planet 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.
JK	Play and Discover Central Idea: Through play people can discover themselves and others. Lines of Inquiry: ➤ Ways we discover and develop our interests ➤ How we learn about others through play ➤ Promoting Play Globally		Patterns, Patterns Everywhere! Central Idea: Patterns can be discovered created and expressed. Lines of Inquiry: ➤ Patterns show order in the world ➤ Patterns can be found in many different forms ➤ Nature provides us with different patterns		Way to Go! Central Idea: Transportation provides a way for people and things to move from one location to another. Lines of Inquiry: ➤ The different forms of transportation around the world ➤ The purpose of the different forms of transportation ➤ Rules of the road and why they are important to follow	Is It Alive? Central Idea: People interact with plants and animals in and out of their homes and take responsibility for their well-being. Lines of Inquiry: ➤ Living things found inside your home ➤ How to show responsibility for living things ➤ Living things we see outside
SK	Sensational Senses! Central Idea: We use our senses to discover and interpret our self and the world around us. Lines of Inquiry: ➤ Identifying and describing our senses ➤ Exploring and describing people in my life by using my senses ➤ How senses can help discover new things about objects, people and the environment	Soaring Through Space Central Idea: The exploration of our solar system can lead to a better understanding of our place in the universe. Lines of Inquiry: ➤ The importance of the sun and moon ➤ How astronauts help us better understand our solar system through discoveries and explorations ➤ Characteristics of planets, moons and stars	More than a Feeling! Central Idea: We can express our feelings/emotions in many different ways. Lines of Inquiry: ➤ How people express feelings through physical expression ➤ When and why we feel certain emotions ➤ How feelings can affect those around us	Outside our Window Central Idea: Seasonal change affects living things and their environment. Lines of Inquiry: ➤ Identifying and describing local seasonal changes ➤ The seasonal activities humans participate in ➤ Day/night cycles around the world	We're all in this Together Central Idea: Communities are made-up of people working together to establish a common purpose. Lines of Inquiry: ➤ Identifying important members of a community ➤ The buildings important to a community and the similarities and differences between them ➤ How people are connected to each other	Down on the Farm Central Idea: Farms are providers of many of our daily nutritional needs. Lines of Inquiry: ➤ The steps involved to get food to our tables ➤ The edible parts of plants ➤ The variety of farms throughout the world and their products
Grade 1	Relationships, Rules and Responsibilities Central Idea: People around the world all have relationships rules and responsibilities. Lines of Inquiry: ➤ Important relationships within the community ➤ Home, school, and community rules and their importance ➤ How rules and relationships change over time	We're going Prehistoric! Central Idea: Animals can change and adapt over time. Lines of Inquiry: ➤ The discovery of dinosaurs ➤ Species throughout the different prehistoric periods ➤ Ways people can protect living things from extinction	Art Attack! Central Idea: People use art forms to express their culture. Lines of Inquiry: ➤ The art forms of local and international cultures both past and present ➤ How art is used for expression and communication ➤ How art can demonstrate various cultural experiences	Inventions, Innovations and Discovery Central Idea: Inventions are a response to challenges and opportunities. Lines of Inquiry: ➤ The origins of different inventions and how they have changed over time ➤ Events that lead to the creation of important inventions ➤ Significant inventors and the importance of their inventions	Outrageously Organized! Central Idea: People often use organizations as a system to establish order. Lines of Inquiry: ➤ Reasons why people use systems of organization ➤ Strategies to organize ourselves at home, school, and in our community ➤ Consequences of the presence or absence of an organization	Hoppy, Hoppy Habitats Central Idea: Living things require specific conditions within a healthy environment to survive. Lines of Inquiry: ➤ Needs of plants and animals within various ecosystems ➤ The characteristics that define habitats around the world ➤ The ways human actions can affect ecosystems
Grade 2	Amazing Bodies! Central Idea: The choices we make can affect our health and well-being. Lines of Inquiry: ➤ The importance of healthy eating practices ➤ Healthy and non-healthy life-style choices ➤ The choices needed to maintain a healthy mind and body	On the Move! Central Idea: People choose different ways to migrate from one place to another. Lines of Inquiry: ➤ Transportation then and now ➤ Reasons people choose to migrate ➤ Effects on the receiving country after migration	Cultures are Cool! Central Idea: Families around the world recognize and celebrate cultural events through celebrations and traditions. Lines of Inquiry: ➤ Celebrations and traditions within cultures ➤ The importance of the celebration to its culture ➤ The cultural significance of various celebrations and traditions	Looking at Life-Cycles Central Idea: Living things follow a life cycle that displays growth and change. Lines of Inquiry: ➤ All living things go through distinct life cycles ➤ There are similarities and differences among living things ➤ Living things react differently to the seasons	All for One and One for All! Central Idea: A community is impacted by the involvement of its members. Lines of Inquiry: ➤ Student roles and contributions in the home, school, and other environments ➤ The process of decision-making ➤ Understanding and meeting the needs of the community	Protecting our Planet Central Idea: A sustainable environment requires a balance between all living things. Lines of Inquiry: ➤ Relationship between animals and humans ➤ Animals at risk, endangered and extinct ➤ Personal choices that can help sustain wildlife
Grade 3	Please and Thank You Central Idea: Our well being is influenced by our attitudes, actions and words. Lines of Inquiry: ➤ How words and actions can be interpreted ➤ Keeping safe ➤ Manners and etiquette in our school family	Back to the Past Central Idea: Early cultures and settlers shape our world. Lines of Inquiry: ➤ Life as an early settler during the early 1800s ➤ How indigenous people viewed and used the land and resources ➤ A comparison of aspects of life in early-settler communities and present-day communities	Tell Me a Story! Central Idea: Imaginary worlds can be expressed through story telling. Lines of Inquiry: ➤ Different genres of storytelling ➤ The elements of a story ➤ The process of story writing	Phenomenal Forces Central Idea: Forces causing and changing movement can have a significant impact on humans and the environment. Lines of Inquiry: ➤ Types of forces and their effects ➤ How we can protect ourselves from harmful forces ➤ Using force to work and manipulate objects	Country Mouse and City Mouse Central Idea: Geographic and environmental factors influence the development of communities. Lines of Inquiry: ➤ Features of urban and rural communities ➤ Factors that influence the location of communities ➤ Changes in modern-day communities	My Garden Central Idea: Plants and soils are essential for life on earth. Lines of Inquiry: ➤ Characteristics of plants and soils ➤ Growth in plants and formation of soils ➤ Protecting plant and soil habitats
Grade 4	Mind, Body and Soul Central Idea: Beliefs and values guide human expressions. Lines of Inquiry: ➤ Beliefs and values practiced globally ➤ Expressions of a belief system ➤ A belief system and its people	Medieval Times Central Idea: Major historical occurrences are relateable to aspects of contemporary communities. Lines of Inquiry: ➤ Social organisation of historic communities ➤ Daily life of historic communities ➤ Notable components of historic societies that influenced Modern societies	Arts Alive! Central Idea: Through artistic expression we get and give a glimpse of the artist's mind. Lines of Inquiry: ➤ The basic elements of artistic work ➤ Meanings of artistic expression ➤ Performing and reflecting on artistic expressions	Loud & Clear Central Idea: Innovations in light and sound technology have altered the lives of humans. Lines of Inquiry: ➤ Sources and properties of light and sound ➤ Various ways in which light and sound are produced and transmitted ➤ The impact of light and sound on human societies	Oh Canada! Central Idea: Physical and political divisions can be used to organise countries. Lines of Inquiry: ➤ The physical regions of our nation ➤ The influence of physical factors on economies and cultures ➤ Economic and cultural interactions of different regions	Rocky Road Central Idea: Human activity involving rocks and minerals affect the environment in various ways. Lines of Inquiry: ➤ Physical properties of rocks and minerals ➤ How people use rocks and minerals ➤ The impact of humans and nature on the landscape
Grade 5	The Human Body Central Idea: The human body is a highly organized structure made up of different systems that work together to accomplish functions necessary to sustain life. Lines of Inquiry: ➤ The structure and function of systems and organs of the human body ➤ The relationship between organs within each system ➤ Factors contributing to good health	A Voyage Back in Time Central Idea: Early civilizations have shaped how the world is today. Lines of Inquiry: ➤ Characteristics of various ancient civilizations from around the world ➤ Physical and social aspects of ancient civilizations ➤ The contributions of ancient civilizations that have shaped contemporary societies	Creativity Through Coding Central Idea: Technology can be used to create and communicate. Lines of Inquiry: ➤ The use of coding to express oneself in the virtual world. ➤ The impact that computers can have on our lives. ➤ How technology has changed our communication patterns	What's the Matter? Central Idea: The states of matter are altered in order to apply them to practical and useful situations. Lines of Inquiry: ➤ Characteristics of each of the three states of matter in our surrounding environment ➤ Understanding how the changes in states of matter work in society ➤ The connection of states of matter in practical situations	Vote. It's the Right Thing to Do Central Idea: The governing system in a society is responsible for managing citizens and establishing rights. Lines of Inquiry: ➤ The structures, functions, and interactions of local government ➤ The rights and responsibilities of members of society ➤ The role of government in society	Variety is the Spice of Life Central Idea: Maintaining biodiversity is critical to the health of the planet. Lines of Inquiry: ➤ The classification of diverse organisms according to specific characteristics ➤ The contributions of diversity to the stability of natural systems ➤ Human impact on diversity
Grade 6		To Bravely Go Where No One Has Gone Before Central Idea: Exploration has changed and will continue to change people's lives. Lines of Inquiry: ➤ First Peoples and their interaction with the environment ➤ Early explorers ➤ The interaction between First Peoples and early explorers	Personal Health on the World Wide Web Central Idea: Being knowledgeable and engaging in safe practices will enable you to deal with challenging social situations. Lines of Inquiry: ➤ Digital literacy and ethics ➤ Personal and inter-personal skills that promote positive interaction ➤ Personal safety	Taking Flight Central Idea: Air has many properties that can be used for flight and for other purposes. Lines of Inquiry: ➤ The properties of air ➤ Flying devices that use the properties of air ➤ Societal and environmental impacts of flying devices that make use of the properties of air	Canada in the World Central Idea: A nation's foreign policies influence how it interacts on the international stage. Lines of Inquiry: ➤ Our country's economic, political, social, and physical links with other countries ➤ The role and impact of our significant people and leaders in the world ➤ Our role in the international community	How Shocking! Central Idea: Society is responsible for how energy is used to sustain life. Lines of Inquiry: ➤ Characteristics of current and static electricity ➤ Transformation of energy ➤ The impact of energy production on society and the environment



EXHIBITION