



McGraw Elementary Program of Inquiry 2022-2023



	Who we are	Where we are in place and time	How we express ourselves	How the world works	How we organize ourselves	Sharing the planet
	<i>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.</i>	<i>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.</i>	<i>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.</i>	<i>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.</i>	<i>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.</i>	<i>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.</i>
K	<p>Central Idea: Exploring similarities and differences helps us understand ourselves and others.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ Similarities and differences ◆ Introducing the Learner Profile ◆ Citizenship <p>Key Concepts: form, connection, perspective</p> <p>Specialist Support: PE, Music</p>	<p>Central Idea: Patterns in weather and climate help us learn about place and time.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ Observing weather patterns ◆ How weather patterns help us learn about time ◆ How climate patterns help us learn about place <p>Key Concepts: change, causation, connection</p> <p>Specialist Support: Spanish</p>	<p>Central Idea: Imagination helps us express ourselves.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ Imagination and creativity ◆ How we express our thoughts and feelings through imagination <p>Key Concepts: connection, perspective</p> <p>Specialist Support: Art, Music, Spanish</p>	<p>Central Idea: Cause and effect can be discovered and applied through exploration.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ The effect different forces can have ◆ Designing solutions for a problem <p>Key Concepts: causation, function, change</p> <p>Specialist Support: PE, Music</p>	<p>Central Idea: People use skills and strategies to become life-long learners.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ Interactions in a learning community ◆ Skills and strategies people use in a learning community <p>Key Concepts: form, responsibility, reflection</p>	<p>Central Idea: Living things depend on each other and the Earth.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ How living things meet their needs to survive ◆ How living things change the environment to meet their needs ◆ Solutions to reduce human impact on our environment <p>Key Concepts: connection, responsibility</p>
1st	<p>Central Idea: Individuals' actions can make a difference.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ Actions that make a difference ◆ People all over the world who are inspirational ◆ How lives can be changed by a person's actions <p>Key Concepts: change, perspective</p> <p>Specialist Support: Art, PE, Music, Spanish</p>	<p>Central Idea: The patterns within our solar system determine our natural world.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ The motions of the solar system ◆ Patterns caused by Earth's movement <p>Key Concepts: form, causation</p>	<p>Central Idea: Events, celebrations and places reflect the identity of a community.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ What and why people celebrate ◆ Elements of celebrations ◆ Similarities and differences of celebrations <p>Key Concepts: perspective, connection</p> <p>Specialist Support: Art, Spanish</p>	<p>Central Idea: Patterns of motion can be a system of communication.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ Vibration and sound ◆ Waves and light ◆ How sound and light are used for communication <p>Key Concepts: function and causation</p> <p>Specialist Support: Music</p>	<p>Central Idea: Communities depend on the people who live in them.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ Locating goods and services in a community ◆ How people work together to provide goods and services ◆ How jobs provide an income to help people live <p>Key Concepts: causation, responsibility</p>	<p>Central Idea: Plants and animals adapt to their environment in order to coexist.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ Genetic characteristics through life cycles ◆ Plant and animal adaptations to variable conditions. ◆ Relationships between living things in an environment <p>Key Concepts: form, function</p>



McGraw Elementary Program of Inquiry 2022-2023



	Who we are	Where we are in place and time	How we express ourselves	How the world works	How we organize ourselves	Sharing the planet
	<i>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</i>	<i>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.</i>	<i>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.</i>	<i>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.</i>	<i>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.</i>	<i>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.</i>
2nd	<p>Central Idea: People can learn skills to develop their well-being.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ Developing and acquiring skills that impact our well-being ◆ Creating a balanced life ◆ Safety awareness <p>Key Concepts: responsibility, connection</p> <p>Specialist Support: Art, PE, Music</p>	<p>Central Idea: People and events change a community or an area over time.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ Tools historians use to understand and study the past ◆ The influence people in the past had on an area ◆ Events that lead to change in a community <p>Key Concepts: causation, change</p> <p>Specialist Support: Art, Music</p>	<p>Central Idea: By communicating our perspectives and opinions we can participate in a problem-solving process.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ Communicating and acknowledging a variety of different perspectives and opinions ◆ Being aware of my own and other people's emotions ◆ Utilizing strategies to solve problems <p>Key Concepts: perspective</p> <p>Specialist Support: PE, Spanish</p>	<p>Central Idea: Exploring the properties of different materials helps us decide how to/or not to use them.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ How materials are chosen based on their properties ◆ Solids, liquids gasses ◆ (student-created line/s of inquiry) <p>Key Concepts: change, causation</p>	<p>Central Idea: Organization of communities is influenced by geography, climate and natural events.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ The effect of geography on the organization of communities. ◆ How natural events change environments ◆ How communities use their environment. <p>Key Concepts: form, causation</p>	<p>Central Idea: Diverse plants and animals interact and depend on each other in different habitats</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ Diversity of living things in a habitat ◆ How plants and animals rely and depend on each other ◆ (student-created line of inquiry) <p>Key Concepts: form, connection, causation</p> <p>Specialist Support: Spanish</p>
3rd	<p>Central Idea: Diversity impacts our relationships within a community.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ Contributions people make to a community ◆ Different forms of diversity ◆ My unique identity as a member of a community ◆ Diversity and its effect on our relationships <p>Key Concepts: change, causation</p> <p>Specialist Support: Art, PE</p>	<p>Central Idea: Culture and geography define what makes a region unique.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ Characteristics of a region ◆ Similarities and differences between cultural and geographic regions ◆ Opportunities and challenges of living in different regions <p>Key Concepts: form, connection</p> <p>Specialist Support: Spanish, PE</p>	<p>Central Idea: Storytelling provides opportunities to learn about the beliefs, values, culture and perspectives of others.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ How storytelling has evolved over time. ◆ How storytelling conveys and develops our own/others' ideas, beliefs and values ◆ The connection between the lessons we learn in stories and our everyday lives <p>Key Concepts: connection, perspective</p> <p>Specialist Support: Art, Music, Spanish</p>	<p>Central Idea: Scientific discoveries about the natural world lead to improved technologies.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ Types and patterns of forces and motions ◆ The relationship between force and motion ◆ Simple machines in our daily lives <p>Key Concepts: form, causation, function</p>	<p>Central Idea: Awareness of changing conditions helps people prepare and make decisions for their community.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ Changing weather and climate patterns ◆ Causes of climate change ◆ The response of individuals, local government and businesses to our changing environment <p>Key Concepts: change, causation, responsibility</p>	<p>Central Idea: Natural and human influences affect organisms over time.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ How organisms and their habitats have changed over time ◆ Consequences of human actions on the life cycles of other organisms ◆ (student-created line/s of inquiry) <p>Key Concepts: change, causation, connection</p>



McGraw Elementary Program of Inquiry 2022-2023



	Who we are	Where we are in place and time	How we express ourselves	How the world works	How we organize ourselves	Sharing the planet
	<i>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</i>	<i>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.</i>	<i>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.</i>	<i>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.</i>	<i>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.</i>	<i>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.</i>
4th	<p>Central Idea: Understanding yourself is the foundation for building and nurturing strong relationships.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ Understanding who I am as an individual ◆ Appreciation of other people's individualism ◆ (student-created line/s of inquiry) <p>Key Concepts: form, connection</p> <p>Specialist Support: Art, PE, Music, Spanish</p>	<p>Central Idea: Tools and systems allow us to connect to our world.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ Physical systems ◆ How people use tools and human systems ◆ (student-created line/s of inquiry) <p>Key Concepts: change, form, connection</p>	<p>Central Idea: Energy is a force that creates change and patterns in our natural world.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ Forms and storage of energy ◆ Process of transfer of energy from one body to another ◆ How energy can be measured by looking at patterns <p>Key Concepts: causation, form, connection</p>	<p>Central Idea: Humans use evidence to understand and predict the impact of changes to Earth's systems.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ Interaction and patterns of the four major Earth systems ◆ Human and natural effects on Earth systems ◆ Preparing for and reducing the impacts of Earth's natural processes <p>Key Concepts: causation, change, form</p> <p>Specialist Support: PE</p>	<p>Central Idea: Individuals and governing bodies evaluate risks and consequences when making decisions.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ Relationship between choice and opportunity cost ◆ Response to positive and negative incentives ◆ Structure of governing bodies ◆ Analyzing different perspectives on governmental issues <p>Key Concepts: function, causation, perspective</p>	<p>Central Idea: Different perspectives over the value and use of resources lead to competition and conflicts.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ Different perspectives over the value of resources ◆ Effect of time and place on demand for resources ◆ Impact of human activity on the availability of resources ◆ Competition and conflict over resources <p>Key Concepts: change, connection, perspective</p> <p>Specialist Support: Music</p>
5th	<p>5TH GRADE EXHIBITION</p> <p>Central Idea: TBD by students</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ Choose ◆ Act ◆ Reflect <p>Key Concepts: TBD by students</p> <p>Specialist Support: Art</p>	<p>Central Idea: Journeys transform personal experiences.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ Causes of human movement ◆ How people adapt to new places and experiences ◆ Continuous human migration and exploration throughout time <p>Key Concepts: change, causation, perspective</p> <p>Specialist Support: Spanish, Music</p>	<p>Central Idea: Sharing discoveries and ideas presents risks and opportunities.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ Past, present and future explanations of objects in the universe ◆ Demonstrating our knowledge about different positions of the sun, moon and stars ◆ How communicating our ideas influences people's lives <p>Key Concepts: function, causation, connection</p> <p>Specialist Support: Art</p>	<p>Central Idea: Interconnectedness shapes cycles.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ Connections between components of an ecosystem ◆ Consequences of balance and imbalance ◆ Energy and matter in an ecosystem. <p>Key Concepts: connection, form, change</p> <p>Specialist Support: Spanish, PE</p>	<p>Central Idea: Economic decision-making impacts societies, organizations and individuals.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ Impact of economics on personal and societal decisions ◆ Civic responsibility and philanthropy ◆ Investing <p>Key Concepts: function, connection, responsibility</p>	<p>Central Idea: Humans create solutions to manage finite resources.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ◆ Human impact on Earth's systems ◆ Interaction of earth materials and systems ◆ How water shapes Earth's processes <p>Key Concepts: causation, change, responsibility</p>