

St. Mary's School

Programme of Inquiry

SY 2017 - 2018

PS	Who We Are An inquiry into the nature of the self; beliefs and values; personal, physical, mental, social, and spritual health; human relationships including families, friends communities and cultures; rights and responsibilities; what it means to be human	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	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	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	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	Sharing 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
	<u>Central Idea:</u> The responsible choices people make impact the earth.	<u>Central Idea:</u> Homes provide shelter and protection.	<u>Central Idea:</u> People tell stories through creativity and imagination.	<u>Central Idea:</u> Different tools and resources are used to measure.		
	<u>Key Concepts:</u> Perspective Responsibility Reflection	<u>Key Concepts:</u> Connection Change Form	<u>Key Concepts:</u> Form Causation Reflection	<u>Key Concepts:</u> Form Perspective Reflection		
	<u>Lines of Inquiry:</u> *Reduce, reuse, recycle *Positive and negative choices *Impact on the Earth	<u>Lines of Inquiry:</u> *Homes (people, animals) *Materials used to build homes *Shelter and protection	<u>Lines of Inquiry:</u> *Story elements *Feelings *Communication within stories	<u>Lines of Inquiry</u> *Standard measurement *Nonstandard measurement *Global measurement comparisons		

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	<u>Central Idea:</u> Healthy choices energize me.		<u>Central Idea:</u> Geometric shapes can be used to create art.	<u>Central Idea:</u> Bugs have a life cycle are important to the earth.	<u>Central Idea:</u> When people make peaceful choices, conflict can be resolved.	
	<u>Key Concepts:</u> Connection Reflection Causation		<u>Key Concepts:</u> Perspective Function Form	<u>Key Concepts:</u> Form Change Responsibility	<u>Key Concepts:</u> Perspective Connection Form	
	<u>Lines of Inquiry:</u> *Making healthy personal choices *Hygiene and germs *Nutrition *The importance of exercise and rest		<u>Lines of Inquiry:</u> *Geometry *Geometric shapes in art *Appreciation of the aesthetics *Artists	<u>Lines of Inquiry</u> *Life cycles of bugs *Anatomy of bugs *The importance of bugs	<u>Lines of Inquiry:</u> *Peace *Conflict resolution/problem solving *Impact of choices	

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	<u>Central Idea:</u> Responsible citizens are active members of a community.	<u>Central Idea:</u> Personal journeys can lead to change and new opportunities.	<u>Central Idea:</u> People express themselves through a variety of fiction and nonfiction texts.	<u>Central Idea:</u> Animals, fish and plants have adaptations that help them survive in the ocean.	<u>Central Idea:</u> Numbers help make sense of the world.	<u>Central Idea:</u> Humans use earth's resources to provide for their needs.
	<u>Key Concepts:</u> Connection Responsibility Function	<u>Key Concepts:</u> Connection Perspective Change	<u>Key Concepts:</u> Form Connection Change	<u>Key Concepts:</u> Function Connection Responsibility	<u>Key Concepts:</u> Function Connection Form	<u>Key Concepts:</u> Form Connection Function
	<u>Lines of Inquiry:</u> *Make up of a community *Building a community *Different types of communities *Roles within a community	<u>Lines of Inquiry:</u> *Important events that lead to change *How we have changed over the year *How change will lead to new opportunities	<u>Lines of Inquiry:</u> * Fiction *Non-Fiction *Author's purpose	<u>Lines of Inquiry:</u> *The ocean *Animals, fish and plants that live in the ocean *Our responsibility *Animal adaptations/survival	<u>Lines of Inquiry:</u> *How numbers are used to record dates and times *How numbers are used to help us solve problems *How numbers are used in our daily lives	<u>Lines of Inquiry:</u> *Natural resources * Human needs *Sharing resources

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	Central Idea: People use celebrations to show what is important.	Central Idea: Maps are created to represent and understand the world.	Central Idea: Fairy tales around the world share the same story elements.	Central Idea: Structures are built based on needs and location.	Central Idea: Symbols create a sense of belonging.	Central Idea: We have a responsibility to protect the rainforest.
	Key Concepts: Form Connection Perspective	Key Concepts: Form Function Connection	Key Concepts: Perspective Connection Form	Key Concepts: Form Function Change	Key Concepts: Function Form Responsibility	Key Concepts: Causation Responsibility Change
	Lines of Inquiry: *Why and how people celebrate *How holidays are celebrated by different cultures *Similarities and differences between various celebrations	Lines of Inquiry: *Types of maps *Geographic locations *Reading a map	Lines of Inquiry: *Elements of a fairy tale *Fairy Tales around the world *Fairy tale characters	Lines of Inquiry: *Purposes of structures *Process of building structures *Structures around the world	Lines of Inquiry: *Symbols *Uses of symbols *How symbols influence our identity	Lines of Inquiry: *Location of rainforests *What makes up a rainforest *Responsibilities in preservation

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	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
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	Central Idea: The functions of the human body are related and work together.	Central Idea: Researching the past helps me understand who I am.	Central Idea: Poetry reflects culture and self.	Central Idea: Simple machines play a role in our everyday life.	Central Idea: Trade and currency are parts of each county's economy.	Central Idea: Ordinary people can make a difference.
	Key Concepts: Connection Causation Function	Key Concepts: Perspective Causation Change	Key Concepts: Form Causation Perspective	Key Concepts: Form Function Causation	Key Concepts: Function Connection Form	Key Concepts: Form Reflection Responsibility
G2	Lines of Inquiry: *Skeletal, Muscular, and Digestive systems *How body systems work together *Healthy body choices	Lines of Inquiry: * Ancestors (country of origin, traditions, family tree) *Cultural differences among families *Immigration *Artifacts and past events	Lines of Inquiry: *Poetry *Culture influences poetry *Understanding different perspectives	Lines of Inquiry: *Types of simple machines *How simple machines work *The impact of simple machines in everyday life	Lines of Inquiry: *History and purpose of trading *History and purpose of currency *Differences and similarities between currency	Lines of Inquiry: * Characteristics of heroes *Heroes make a difference *I can make a difference

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G3	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	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	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	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	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	Sharing 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
	<u>Central Idea:</u> Geography influences the way people live.	<u>Central Idea:</u> Throughout history, people explore new locations affecting life in the past, present and future.	<u>Central Idea:</u> The legacies of ancient civilizations are present in modern societies.	<u>Central Idea:</u> Technological advances impact human ways of life.	<u>Central Idea:</u> People organize objects and ideas for a variety of reasons.	<u>Central Idea:</u> Water is a limited resource that is needed for survival.
	<u>Key Concepts:</u> Connection Form Change	<u>Key Concepts:</u> Connection Causation Change	<u>Key Concepts:</u> Function Form Causation	<u>Key Concepts:</u> Form Causation Change	<u>Key Concepts:</u> Function Perspective Reflection	<u>Key Concepts:</u> Form Causation Responsibility
	<u>Lines of Inquiry:</u> *Where we live *How natural resources affect lifestyles, communities, and cultures *Similarities and differences of children around the world *Composition of the earth	<u>Lines of Inquiry:</u> *Explorers *Peoples' journey into a new land *Changes brought about by exploration	<u>Lines of Inquiry:</u> *Ancient history *Contributions from ancient civilizations *Egypt, Greece and Rome	<u>Lines of Inquiry:</u> *Understanding technology and uses *Technology changes in communication *Impact of changes	<u>Lines of Inquiry:</u> *Organization and systems people use to share and display information *Purpose of museums *How museums enhance our understanding of the world and connects us with others	<u>Lines of Inquiry:</u> *Water as a natural and limited resource *Water cycle *Where our water comes from *Use/reuse of water

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	Central Idea: Understanding differences enables people to respond to the range of intellectual, social, and emotional needs within learning communities.	Central Idea: Migration is a response to challenges, risks and opportunities.	Central Idea: Individuals express their emotions and life experiences through the creative arts.	Central Idea: Natural disasters have an effect on the world.	Central Idea: Entrepreneurs use innovative thinking and design processes to create business solutions to	Central Idea: Living things need to adapt in order to survive.
	Key Concepts: Connection Perspective Responsibility	Key Concepts: Perspective Causation Change	Key Concepts: Perspective Form Connection	Key Concepts: Causation Reflection Responsibility	Key Concepts: Connection Reflection Function	Key Concepts: Function Causation Change
	Lines of Inquiry: *Identity and personality * Learning and multiple intelligences *Cooperative groups and social dynamics	Lines of Inquiry: *Reasons people migrate *Migrations throughout history *Effects of migration	Lines of Inquiry: *Reflecting on life experiences that evoke strong emotions *How we express our emotions *Using the creative arts to express ourselves	Lines of Inquiry: *Causes and effects of natural disasters * Predicting meteorological & geological events *How communities respond to natural disasters	Lines of Inquiry: *Entrepreneurial mindset *Innovative thinking and problem solving * Design process & product development	Lines of Inquiry: *Types and purposes of adaptations *Circumstances that lead to adaptation * Responding to environmental conditions

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G5	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	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	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	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	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	Sharing 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
	Central Idea: Religious systems may define beliefs and values and offer explanations about what it means to be human.	Central Idea: Change is created when an ignored population is forced into action.	Central Idea: People use media to influence beliefs and behaviors.	Central Idea: Space exploration has led to discoveries that have impacted the world.	Central Idea: Governments have systems that influence the lives of citizens.	Central Idea: EXHIBITION: Global citizens learn about and take action on issues that affect the planet and all its inhabitants.
	Key Concepts: Connection Reflection Perspective	Key Concepts: Perspective Causation Change	Key Concepts: Perspective Responsibility Causation	Key Concepts: Change Function Reflection	Key Concepts: Function Perspective Form	Key Concepts: student selected
	Lines of Inquiry: *History of religions *Similarities and differences between religious systems *Identifying personal beliefs	Lines of Inquiry: *Types of revolutions *Global impact of revolutions *Similarities and differences between revolutions *Causes of revolutions	Lines of Inquiry: *Different forms of media *Media techniques *Media & interactions	Lines of Inquiry: *Solar system *Technologies and discoveries *Global interconnectedness from and within space exploration	Lines of Inquiry: *Government systems *Citizens' rights and responsibilities *Responsibilities of governments	Lines of Inquiry: student selected