

Don Bosco International School

Program of Inquiry 2019 -2020

Themes	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
	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 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.

<p>Jr kg</p>	<p>Sensory awareness</p> <p>Central Idea – We use our senses to explore, gather and communicate information</p>		<p>Celebrations</p> <p>Central Idea - Celebrations are expressions of culture, traditions and beliefs</p>		<p>Transport</p> <p>Central Idea - Different modes of transport help us to travel</p>	<p>Animal Kingdom</p> <p>Central Idea - Animals have unique characteristics that help them to interact with the environment</p>
	<p>Lines of Inquiry</p> <ul style="list-style-type: none"> •We use our senses to learn •Exploring our world through senses •Taking care of our senses <p>Key Concepts Connection, Function, Responsibility</p> <p>Related Concepts Biology, Health</p> <p>Approaches to Learning Self- management skills, Research skills</p> <p>Learner Profile Attribute Inquirer, Balanced, Risk Taker</p>		<p>Lines of Inquiry</p> <ul style="list-style-type: none"> •Elements of culture •Reasons for celebration •Earth-friendly ways of celebrating <p>Key Concepts Perspective, Responsibility</p> <p>Related Concepts Diversity, Tradition, Family</p> <p>Approaches to Learning Thinking skills, Research skills</p> <p>Learner Profile Attribute Thinker, Caring</p>		<p>Lines of Inquiry</p> <ul style="list-style-type: none"> •Modes and means of transport •Need for transportation system •Change in transport overtime <p>Key Concepts Function, Causation, Change</p> <p>Related concepts Transportation, Employment</p> <p>Approaches to Learning Thinking skills, Social skills</p> <p>Learner Profile Attribute Knowledgeable, Principled</p>	<p>Lines of Inquiry</p> <ul style="list-style-type: none"> •Characteristics of animals •Animal interaction with the environment •Our responsibility towards animals <p>Key concepts Form, Connection, Responsibility-</p> <p>Related Concepts Classification, Adaptation, Interdependence</p> <p>Approaches to Learning Social Skills, Communication Skills</p> <p>Learner Profile Attribute Open Minded, Reflective</p>

<p>Sr. K</p>	<p>Family</p> <p>Central Idea - Families are unique and function to meet the needs of its members</p>	<p>Homes/Shelter</p> <p>Central Idea - Human need for shelter depends on where they are in the world</p>	<p>Signs and Symbols</p> <p>Central Idea - Images communicate ideas and information</p>	<p>Patterns</p> <p>Central Idea - Patterns help us discover the world</p>		<p>Plants</p> <p>Central Idea - Plants are a life-sustaining resource for us and for other living things</p>
	<p>Lines of Inquiry</p> <ul style="list-style-type: none"> •Responsibilities of family members •Interdependence of family members •Families around the world <p>Key Concepts Function, Form, Connection</p> <p>Related Concepts Relationships, Family, Diversity</p> <p>Approaches to Learning Self- Management skills, Communication skills</p> <p>Learner Profile Attribute Caring, Communicator</p>	<p>Lines of Inquiry</p> <ul style="list-style-type: none"> •Human need for shelter •Different types of shelter •The environment, needs and resources determine the types of shelter <p>Key Concepts Form, Function, Connection</p> <p>Related Concepts Interdependence, Regions</p> <p>Approaches to Learning Research skills, Thinking skills</p> <p>Learner Profile Attribute Thinker, Balanced</p>	<p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Use of images in different media •The design elements of images that help to communicate a message •Interpreting and responding to images <p>Key Concepts Function, Perspective</p> <p>Related Concepts Communication, truth</p> <p>Approaches to Learning Social Skills, Communication skills</p> <p>Learner Profile Attribute Communicator, Knowledgeable, Principled</p>	<p>Lines of Inquiry</p> <ul style="list-style-type: none"> •Patterns in the natural world •Using Patterns to make prediction •Changes that affect pattern <p>Key Concepts Function, Causation</p> <p>Related Concepts Seasons, System</p> <p>Approaches to Learning Thinking skills, Research skills</p> <p>Learner Profile Attribute Inquirer, Reflective</p>		<p>Lines of Inquiry</p> <ul style="list-style-type: none"> •The structure of a plant • Uses of plants • Care of plant life <p>Key Concepts Form, Change, Responsibility</p> <p>Related Concepts Structure, Resources, Growth</p> <p>Approaches to Learning Thinking skills, Research skills</p> <p>Learner Profile Attribute Thinker, Caring, Knowledgeable</p>

<p>Gr 1</p>	<p>Nutrition- My body</p> <p>Central Idea – The choices we make affect our health and well-being.</p>	<p>Then and now</p> <p>Central Idea - Inventions and discoveries of the past impact the present day society</p>	<p>Stories</p> <p>Central Idea - Stories express ideas and connect people.</p>	<p>Life Cycles</p> <p>Central Idea – All living things go through a process of change.</p>	<p>Community</p> <p>Central Idea - Communities rely on people doing different kinds of work.</p>	<p>Waste Management</p> <p>Central Idea – Our personal choices affect the environment.</p> <ul style="list-style-type: none"> •
	<p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Structure and functions of body systems • Requirements to maintain a healthy body • The effects of different components of nutrition on our body <p>Key concepts Function, Connection, Responsibility</p> <p>Related concepts Balance, Well being</p> <p>Approaches to Learning Social skills, Communication skills</p> <p>Learner Profile Attribute Balanced, Caring</p>	<p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Evolution of man • Human actions that have created change over time • Impact of change overtime <p>Key concept Change, Perspective, Causation</p> <p>Related concept Evolution, Innovation/discovery, Progress</p> <p>Approaches to Learning Self-management skills, Thinking skills</p> <p>Learner Profile Attribute Balanced , Knowledgeable</p>	<p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Genres of stories • How stories are expressed in different cultures • Creating and responding to stories <p>Key concepts Form, Connection, Perspective</p> <p>Related concepts Imagination, Expressions, Communication</p> <p>Approaches to Learning Social skills, Communication skills</p> <p>Learner Profile Attribute Communicators, Open-minded</p>	<p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Characteristics of living things • Life cycle of living things • Factors that affect the developmental stages of living things <p>Key concepts Change, Function, Causation</p> <p>Related concepts Transformation, Impact, Growth</p> <p>Approaches to Learning Research skills, Thinking skills</p> <p>Learner Profile Attribute Inquirer, Thinker</p>	<p>Lines of Inquiry</p> <ul style="list-style-type: none"> • What makes a community • Different roles people have in a community • Interdependence of various occupations within a community <p>Key concepts Form, Responsibility, Connection</p> <p>Related concepts Roles, Interdependence, Identity</p> <p>Approaches to Learning Social skills, Thinking skills</p> <p>Learner Profile Attribute Inquirer, Open-minded</p>	<p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Generation of waste • Impact of waste on environment • Measures to restore environment <p>Key concepts Causation, Reflection, Responsibility</p> <p>Related concepts Conservation, Pollution, Impact</p> <p>Approaches to Learning Research skills, Self-management skills</p> <p>Learner Profile Attribute Principled, Caring, Reflective</p>

Gr 2	<p>Play Central Idea - People learn about themselves and others through play.</p>	<p>Landforms Central Idea – The Earth’s physical geography impacts human settlements and interactions.</p>	<p>Creativity Central Idea – People express their creativity in different forms.</p>	<p>Simple Machines Central Idea – Simple machines operate in different ways to ensure tasks are performed efficiently and effectively.</p>	<p>Community Systems Central Idea - A community is impacted by the involvement of its members.</p>	<p>Adaptation and Habitat Central Idea - People establish practices in order to sustain and maintain earth’s resources</p>
	<p>Lines of inquiry •How we learn through play •The way play builds relationships •Culture influencing play</p> <p>Key Concepts Connection, Perspective, Reflection</p> <p>Related Concepts Fair play, Self-regulation,</p> <p>Approaches to Learning Self-Management Skills, Communication skills</p> <p>Learner Profile Attribute Open-minded, Balanced, Reflective</p>	<p>Lines of Inquiry •Types of physical environment •Different features that give a place its identity •Ways of adapting to different places and situations</p> <p>Key Concepts Form, Causation, Change</p> <p>Related Concepts Geography, Adaptation, Lifestyle, Location, Diversity</p> <p>Approaches to Learning Research skills, Social skills</p> <p>Learner Profile Attribute Thinker, Communicator</p>	<p>Lines of Inquiry • What creativity is •The different ways people express themselves • Expressing uniqueness through creativity</p> <p>Key Concepts Form, perspective</p> <p>Related Concepts Imagination, Interpretation, Artifacts</p> <p>Approaches to Learning Communication skills, Research Skills</p> <p>Learner Profile Attribute Communicator, Principled</p>	<p>Lines of inquiry •Features of a simple machine •The ways in which simple machines are used •The impact simple machines have had on society.</p> <p>Key Concept: Form, Function</p> <p>Related Concepts Mechanics, Efficiency</p> <p>Approaches to Learning Thinking skills, Research skills</p> <p>Learner Profile Attribute Risk-taker, Inquirer, Thinker</p>	<p>Lines of inquiry • Needs of a community) • The production cycle • Distribution of goods and services</p> <p>Key Concepts Form, Function, Connection</p> <p>Related concepts Production, Distribution, Consumption, Interdependence</p> <p>Approaches to Learning Social Skills, Thinking Skills</p> <p>Learner Profile Attribute Caring, Thinker</p>	<p>Lines of inquiry •Earth’s resources and habitats •Human actions and their effects on resources •Actions to restore the environment</p> <p>Key Concepts Causation, Reflection</p> <p>Related Concepts Resources, Conservation, Sustainability</p> <p>Approaches to Learning Research Skills, Self-Management Skills</p> <p>Learner Profile Attribute Reflective, Caring</p>

<p>Gr 3</p>	<p>Body Systems and diseases</p> <p>Central Idea - The effective interactions between human body systems contribute to health and survival</p>	<p>Exploration</p> <p>Central Idea - Explorations lead to discoveries, opportunities and new understandings</p>	<p>Performing Arts</p> <p>Central Idea - Performing arts allow people to entertain and educate audiences</p>	<p>Buildings and structures</p> <p>Central Idea - The design of building and structures depend upon environmental factors, human ingenuity and available material and resources.</p>	<p>Organizations</p> <p>Central Idea - The systems in our lives impact the organisation of self and community.</p>	<p>Disaster Management</p> <p>Central Idea - Local and global communities share responsibilities to reduce the impact on the people affected by natural disasters</p>
	<p>Lines of Inquiry</p> <ul style="list-style-type: none"> •Body systems and how they work •Interconnectedness of body systems • Impact of malfunction of a system <p>Key Concepts Function, Connection, Responsibility</p> <p>Related Concepts: Biology, Interdependence</p> <p>Approaches to Learning Thinking skills, Research skills</p> <p>Learner Profile Attribute Principled, Balanced</p>	<p>Lines of Inquiry</p> <ul style="list-style-type: none"> •Reasons for exploration (historical / personal) •How exploration has taken place over time •The consequences of exploration- Feelings and attitudes associated with exploration <p>Key Concepts Causation, Form</p> <p>Related Concepts: Impact, Exploration</p> <p>Approaches to Learning Research skills, Communication skills</p> <p>Learner Profile Attribute Communicator, Reflective</p>	<p>Lines of Inquiry</p> <ul style="list-style-type: none"> •Different types of performing arts •Purpose of a performance •Interpretation of an art form • Cultures using varied performing arts <p>Key Concepts Form, Perspective, Connection</p> <p>Related Concepts: Techniques, Performance, Interpretation</p> <p>Approaches to Learning Social skills, Communication skills</p> <p>Learner Profile Attribute Communicator, Open - Minded</p>	<p>Lines of Inquiry</p> <ul style="list-style-type: none"> •Different building materials and their properties •The structure of buildings and bridges •The materials and shapes used in making stable, weight bearing structures <p>Key Concepts: Form, Function, Change</p> <p>Related Concepts: Structure, properties, uses of materials</p> <p>Approaches to Learning Self-management skills, Thinking skills</p> <p>Learner Profile Attribute Risk-Taker, Communicator</p>	<p>Lines of Inquiry</p> <ul style="list-style-type: none"> •Common features of systems in our lives •Different systems of organizations in our lives •Ways in which people can cooperate to make a system more efficient <p>Key Concepts Connection, Function, Responsibility</p> <p>Related Concepts: Organization, Networks</p> <p>Approaches to Learning Communication skills, Social skills</p> <p>Learner Profile Attribute Balanced, Knowledgeable</p>	<p>Lines of Inquiry</p> <ul style="list-style-type: none"> •The causes and impact of natural disasters •The response systems needed when a natural disaster occurs •Our personal responsibility as citizens in response to disasters <p>Key Concepts Causation, Connection, Responsibility</p> <p>Related Concepts: Earth and space, forces, energy</p> <p>Approaches to Learning Thinking skills, Research skills</p> <p>Learner Profile Attribute Inquirer, Caring</p>

Gr 4	<p>Role Models Central Idea - People are inspired by the beliefs and values of individuals and societies.</p>	<p>Civilizations Central Idea - Evidences of past civilization affect present day society.</p>	<p>Poetry Central Idea - Poetry is a form of self-expression.</p>	<p>Energy Central Idea – Energy may be converted, transformed and used to support human progress.</p>	<p>Media Central Idea - Media plays an increasing role in influencing our ideas and beliefs.</p>	<p>Biomes Central Idea - Biodiversity relies on maintaining the interdependent balance of organisms within systems.</p>
	<p>Lines of Inquiry •Why we value role models •Development of our interests and talents •Effect of values and beliefs on an individual / community</p> <p>Key concepts Perspective, Reflection</p> <p>Related Concepts Identity, Roles, Prejudice</p> <p>Approaches to Learning Social skills, Self-Management Skills</p> <p>Learner Profile Attribute Principled, Reflective</p>	<p>Lines of Inquiry •Characteristics of civilizations and societies •Validating the information and evidence of civilizations •Connection of past, present and future implication</p> <p>Key concepts Form, Connection, Change</p> <p>Related Concepts Chronology, history, civilization</p> <p>Approaches to Learning Social skills, Communication skills</p> <p>Learner Profile Attribute Communicator, Reflective</p>	<p>Lines of Inquiry •Forms of poetry •Interpretation of poems •Expression of poems</p> <p>Key concepts Form, Reflection, Perspective</p> <p>Related Concepts Structure, Interpretation</p> <p>Approaches to Learning Research skills, Thinking Skills</p> <p>Learner Profile Attribute Inquirer, Open - Minded</p>	<p>Lines of Inquiry •Different forms of energy sources •How energy is used •Sustainable energy practices</p> <p>Key concepts Function, Change, Responsibility</p> <p>Related Concepts Forms of energy, Magnetism, Transformation of energy</p> <p>Approaches to Learning Thinking skills, Self-Management Skills</p> <p>Learner Profile Attribute Risk-Taker, Communicator</p>	<p>Lines of Inquiry • Types and purpose of media systems • How media influences the choices we make • Ethical use of media systems</p> <p>Key concepts Function, Perspective, Responsibility</p> <p>Related Concepts Features / Networks, Technology, Ethics</p> <p>Approaches to Learning Research Skills, Thinking skills</p> <p>Learner Profile Attribute Balanced, Knowledgeable</p>	<p>Lines of Inquiry • Interdependence within and between ecosystems and biomes • Consequences of human interaction with the environment • Actions to promote conservation of all species</p> <p>Key concepts Causation, Connection, Responsibility</p> <p>Related Concepts Biodiversity, Ecosystem, Habitat</p> <p>Approaches to Learning Communication skills, Thinking skills</p> <p>Learner Profile Attribute Inquirer, Knowledgeable</p>

<p>Gr 5</p>	<p>Changes</p> <p>Central Idea - Changes people experience at different stages of their lives affect their evolving sense of self.</p>	<p>Migration</p> <p>Central Idea- Human migration is a response to challenges, risks and opportunities.</p>	<p>Exhibition</p>	<p>Light and Sound</p> <p>Central Idea- Light and sound help people experience their world.</p>	<p>Government Systems</p> <p>Central Idea- Government systems influence the lives of citizens.</p>	<p>Conflicts</p> <p>Central Idea - Finding peaceful solutions to conflict leads to a better quality of human life.</p>
	<p>Lines of Inquiry:</p> <ul style="list-style-type: none"> •Different kinds of changes humans undergo •Factors influencing change •Dealing with change <p>Concepts: Change, Function, Responsibility</p> <p>Related Concepts: Body systems, Growth, Behaviour</p> <p>Approaches to Learning Communication skills, Thinking skills</p> <p>Learner Profile Attribute Caring, Reflective</p>	<p>Lines of Inquiry:</p> <ul style="list-style-type: none"> •The reasons why people migrate •Effects of migration on communities •Migration throughout history <p>Concepts: Form, Causation, Perspective</p> <p>Related Concepts: Migration, Impact</p> <p>Approaches to Learning Research skills, Social skills</p> <p>Learner Profile Attribute Inquirer, Risk taker</p>		<p>Lines of Inquiry:</p> <ul style="list-style-type: none"> •Behaviour of light and sound •How light and sound interact with the physical world •Manipulating light and sound for a purpose <p>Concepts: Form, Change, Connection</p> <p>Related Concepts: Light, Sound Manipulation,</p> <p>Approaches to Learning Thinking skills, Research skills</p> <p>Learner Profile Attribute Knowledgeable, Principled</p>	<p>Lines of Inquiry:</p> <ul style="list-style-type: none"> •Different forms of government systems •Functions of government •Impact of government on citizens •The rights and responsibilities of citizens <p>Concepts: Form, Function, responsibility</p> <p>Related Concepts: Governments, Freedom, Cooperation</p> <p>Approaches to Learning Research skills, Communication skills</p> <p>Learner Profile Attribute Thinker, Open minded</p>	<p>Lines of Inquiry:</p> <ul style="list-style-type: none"> •Personal conflicts •Conflicts around the world •Conflict resolution and management <p>Concepts: Causation, Perspective, Responsibility</p> <p>Related Concepts: Conflict, Diversity, Prejudice</p> <p>Approaches to Learning Research skills, Communication skills</p> <p>Learner Profile Attribute Balanced, Communicator</p>

