

PROGRAMME OF INQUIRY 2015-2016

Transdisciplinary Themes	Description	EY1	EY2	KG
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.	<p>Who Am I? Central Idea: <i>Awareness of physical characteristics, abilities, and interests enable us to discover who we are and what we can do.</i></p> <p>An inquiry into: Our similarities and differences Our personal characteristics Our interests and abilities</p> <p>Concepts: Reflection, form, perspective Related Concepts: Characteristics, abilities, interests</p>	<p>Relationships Central Idea: <i>Interactions with others help us build our relationships.</i></p> <p>An inquiry into: How we develop relationships How words and actions can change relationships How our choices reflect what we want in our relationships</p> <p>Concepts: Form, causation, reflection Related Concepts: Relationships, Friendships, Interactions</p>	<p>How we learn Central Idea: <i>Understanding different ways of learning enables people to respond to different learning needs.</i></p> <p>An inquiry into: Things that motivate us to learn Our individual strengths as learners The impact that learning styles have on the way people engage in a learning community</p> <p>Concepts: Perspective, reflection Related Concepts: Motivation, Learning, Unique self, Learning Styles, Learning Community, Intelligence, Thinking,</p>
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.			<p>Family Histories Central idea <i>Historical evidence provides an insight into our family history and identity</i></p> <p>Lines of inquiry Record of historical evidence and what this conveys Family history and how this has been recorded over time The connection between my family history and my identity</p> <p>Concepts: form, function, reflection Related concepts: artifact, history, values</p>
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.	<p>Play Central idea: <i>Through play we express our feelings, ideas, and make discoveries.</i></p> <p>An inquiry into: Expressing ourselves through play The different ways to play The way play can lead to new discoveries</p> <p>Concepts: Function, connection Related Concepts: Feelings, discovery, play</p>	<p>Self Expression Central Idea: <i>We express our imagination and creativity in a variety of ways.</i></p> <p>An Inquiry Into: Imagination and creativity Expressing our imagination and creativity Using the environment and resources in an imaginative and creative way</p> <p>Concepts: Form, reflection, perspective Related Concepts: Imagination, Creativity, Expression</p>	<p>Images Central Idea: <i>Images come in different forms and communicate ideas and information.</i></p> <p>An Inquiry into: Different forms of images How we interpret images Conveying messages through creating images</p> <p>Concepts: Form, function, perspective Related Concepts: Artistic expression, Image, Analyze, Communication, Self Expression</p>

Transdisciplinary Themes	Description	EY1	EY2	KG
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.	<p>Investigations Central idea: <i>The opportunity of exploration and discovery can take place through the process of investigations.</i> An inquiry into: The purpose of investigation The ways we can investigate What we can discover Concepts: Function, causation, connection Related Concepts: Forces, energy, machines,</p>	<p>Exploring Materials Central Idea: <i>Materials can be categorized manipulated and changed.</i> An inquiry into: Different types of materials (Natural and manmade) The way materials change Materials can be used for a variety of purposes Concepts: Change, function, form Related Concepts: Behavior, Properties, Transformation</p>	<p>Simple Machines Central Idea: <i>People apply their understanding of forces and energy to invent and create simple machines</i> An Inquiry Into: The ways we use simple machines in our lives The ways in which forces and energy enable simple machines to work Invention of simple machines Concepts: Form, change, causation Related Concepts : Forces, energy, machines, innovation</p>
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.			<p>Earth Cycles Central Idea: <i>The Earth's natural cycles influence human activity.</i> An Inquiry Into: Natural cycles Understanding earth cycles The actions people take in response to the Earth's natural cycles Concepts: Form, change, causation Related Concepts: Cycles, impact, pattern</p>
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.	<p>Living things grow Central Idea: <i>Living things have needs in order to survive.</i> An inquiry into: The needs of living things Characteristics of living things Living things grow and change Our responsibilities for living things Concepts: Change, Connection, Form, Responsibility Related Concepts: Care, Survival, Growth, Classification</p>	<p>Bodies of Water Central Idea: <i>Water can be found in different places and is used in a variety of ways</i> An Inquiry Into: The uses of water The importance of water Where we find water Concepts: Function, connection, responsibility Related Concepts: Water Cycle, basic needs,</p>	<p>Plants Central Idea: <i>Plants are a life sustaining resource for all living things.</i> An Inquiry Into: The ways in which plants are connected to other living things The anatomy and function of plants Way we use plants Concepts: Function, connection, responsibility Related Concepts: Structure, interconnectedness, purpose</p>

Transdisciplinary Themes	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5
Who we are	<p>Bodies Central Idea: Our bodies enable us to discover and make sense of the world and what we can do. An inquiry into: Discovering the world through our senses Ways our bodies are specialized What our bodies can do Concepts: Form, function Related concepts: Senses, discovery, ability</p>	<p>Health and Survival Central Idea: Maintaining health requires balance of our spiritual, physical, and mental well-being. An inquiry into: Understanding our spiritual, physical, and mental health Balancing all aspects of our life to maintain our well-being Knowing how to be healthy Concepts: Connection, causation, responsibility Related concepts: Health, balance,</p>	<p>Rights and Responsibilities Central Idea: Understanding ours and others rights and responsibilities shapes our community. An inquiry into: Rights and responsibilities in our community Beliefs and values connected to our rights and responsibilities Shaping our community Concepts: Form, causation, reflection Related concepts: Community, Rights and Responsibilities, Beliefs and Values</p>	<p>Brainwaves Central Idea: Technological advances in neuroscience have enabled us to understand who we are as learners An inquiry into: The connection between the brain and our learning Our capacity to keep on learning Technology as a tool to understand how brain works Concepts: Perspective, reflection Related concepts: learning, mindsets, learning styles, brain, research</p>	<p>Transitions Central Idea: Changes people experience at different stages of their lives affect their evolving sense of self. An inquiry into: The physical, social and emotional changes that happen during adolescence Factors that contribute to our well being during adolescence Recognizing how our development effects our sense of self Concepts: Change, causation, reflection Related concepts: adolescence, biological and physiological change, development</p>
Where we are in place and time	<p>Space and structures Central idea: Spaces and structures in an environment determine how people use them. An inquiry into: The build and natural environment Spaces and structures in an environment The ways which people use environment Concepts: form, function, causation Related concepts: space, structure, build and natural environment</p>	<p>Geography Central Idea: Understanding the geography of a place provides an insight into why people live there. An inquiry into: The geography of places Why people live in different places The connection between lifestyle and where people live Concepts: Form, perspective, causation Related concepts: Place, Lifestyle, Geography</p>	<p>Exploration Central Idea: Exploration leads to discoveries, opportunities and new understandings. An inquiry into: The reasons for exploration How explorations have taken place over time The consequences of exploration Concepts: Causation, perspective, reflection Related concepts: consequences, temporal connections, causal relationships</p>	<p>Past Civilizations Central Idea: Systems in societies of today have been influenced by those of the past. An inquiry into: Systems in societies of past and present Connections between past and present societies Reasons of why systems have changed or stayed the same Concepts: Function, change, Connection Related concepts: Systems, Civilizations, Society</p>	<p>History Central Idea: Our view of history shapes the way we view the present. An inquiry into: Historical perceptions Significant historical events which have impacted the present Examining history to find answer to existing problems Concepts: Causation, connection, perspective Related concepts: Causal relationships, Information Evaluation, Reliability, Relevance, Information Source</p>
How we express ourselves	<p>Arts and Entertainment Central Idea: The arts provide a medium of self expression An inquiry into: The arts as a form of expression Mediums of art How the creation of art can reflect who we are Concepts: Form, perspective, reflection Related concepts: expression, medium, creativity</p>	<p>Light and Sound Central Idea: Exploring how light and sound work enables us to use them in creative and expressive way. An inquiry into: Exploring the properties of light and sound (Sensory) How light and sound work Light and sound as creative expression Concepts: Perspective, Related concepts: Light, Sound, Exploration, Creative Expression, Wave</p>	<p>Digital Media Central Idea: The Development of Digital Media provides increasing opportunities of expression An inquiry into: The different types of digital media Ways people use digital media as a form of expression Rights and responsibilities when using digital media Concepts: Form, causation, perspective Related concepts: expression, medium, creativity,</p>	<p>Propaganda Central idea: People can create or manipulate messages to target specific audiences. An inquiry into: How images, text and music are used to influence audiences Critical evaluation of messages presented in the media How people respond to messages Concepts: function, perspective, reflection Related concepts: media, advertising, propaganda</p>	<p>Expressing our Identity Central Idea: How we present ourselves projects aspects of our identity. An inquiry into: The ways in which appearance and behavioral influence our perceptions The influence of culture and social norms Fashion as a form of expression Concepts: Function, Causation, perspective Related concepts: Fashion norms, culture, appearance</p>

Transdisciplinary Themes	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5
How the world works	<p>Living Things Change Central Idea: All living things go through a process of change. An inquiry into: Patterns of growth The ways in which living things change over time Factors that can influence the process of change Concepts: Change, connection Related Concepts: Life Cycles, patterns, growth, classification</p>	<p>States of Matter Central Idea: Transformation and manipulation of matter can change the way we use it. An inquiry into: (eg Recycling) Concepts: Form, function, change Related Concepts: Matter, reversible, irreversible, manipulation,</p>	<p>Our Changing Earth Central Idea: The earth continuously changes due to natural forces and human actions. An inquiry into: The interrelated components of the Earth The reasons the Earth changes and continues to change Human response to the Earth's changes Concepts: Form, change, causation Related concepts: Erosion, Tectonic plates, Response, Impact Force, Motion</p>	<p>Earth's Place in Space Central Idea: Technological advances provide for on-going exploration of Earth and its place in universe. An inquiry into: Earth and its place in the universe How technological advances challenge our understanding of the universe Changing theories of our universe Concepts: Form, connection, causation, change Related Concepts: Scientific theories, hypothesis, burden of proof, evidence</p>	<p>Energy Central Idea: Human understanding of energy transformation leads to innovative energy solutions An inquiry into: Different sources of energy (renewable, non-renewable) Transformation of energy Sustainable and innovative energy solutions Concepts: Form, change, responsibility Related Concepts: renewable, non-renewable, transformation, sustainability</p>
How we organize ourselves	<p>Community Systems Central Idea: Communities function more effectively when systems are developed to meet their needs. An inquiry into: Systems in our community (School community) The effectiveness of the systems in the community How we could improve the systems in our community to better meet the needs Concepts: Function, causation Related concepts: Systems, needs, wants,</p>	<p>Event Planning Central Idea: Planning an event requires organization and collaboration to be successful. An inquiry into: Decision making and steps involved with planning an event Major events and the ways in which they are planned The elements of a successful event Concepts: Function, reflection, perspective Related concepts: Organization, management, delegation</p>	<p>Organizations Central Idea: People create organizations to solve problems and support human endeavor and enterprise. An inquiry into: Purpose of organizations Why we join organizations Strategies for problem solving within an organization What makes an organization successful Concepts: function; connection; responsibility Related Concepts: work; collaboration; communication; resourcefulness,</p>	<p>Entrepreneurs Central Idea: Innovation, planning, and market knowledge contribute to running a successful business. An inquiry into: The elements of running a successful business The ways in which a business plan can be created and used The responsibilities associated with running a business understanding market and supply and demand Concepts: Connection, function, responsibility Related concepts: economy, supply and demand, commerce</p>	<p>Governance Central Idea: Government systems influence the lives of citizens. An inquiry into: Different systems of governance The impact of governance on societies and individuals The rights and responsibility of citizens Concepts: Connection, change, responsibility Related concepts: Systems, citizenship, rights and responsibilities</p>
Sharing the Planet	<p>Resolution Central idea: Reaching a resolution during conflict is influenced by the actions and reactions of all involved. An inquiry into: Cause of conflict (personal) Strategies used to resolve conflict Consequences of resolutions Concepts: causation, perspective, responsibility Related concepts: peace, reconciliation, exploitation, grief</p>	<p>Human Impact Central Idea: Habitats have unique features which living things are depended on. An inquiry into: Living things have adaptations in connection of their habitat Different habitats and their features Impact of human action on habitats and living things Concepts: Connection, Reflection, Responsibility Related Concepts: Adaptations, impact, endangered, Interconnectedness</p>	<p>Sustainability Central Idea: Consumption of finite resources impacts the sustainability of our earth. An inquiry into: Finite and infinite resources How we use finite and infinite resources The sustainability of finite resources Concepts: Form, causation, responsibility Related concepts: Sustainability, finite, conservation, action</p>	<p>Earth's resources Central Idea: The process and consumption of earth's resources impacts the global environment An inquiry into: Process of earth's resources The impact of process and use of natural materials Reducing the impact of process and consumption Concepts: Form, causation, reflection Related Concepts: Process, Natural Resources, Pollution, Chemical Change</p>	<p>Global Challenges Central Idea: The challenges facing the world involve all of us wherever we live. An inquiry into: Global Citizenship Globalization and its impact on communities and equal opportunities Actions that can impact global challenges Concepts: Connection, causation, responsibility Related Concepts: Citizenship, Communities, Responsibility, Global, Action</p>