

Programme of Inquiry Key Concepts Mapping

Grades	Form	Function	Connection	Change	Causation	Perspective	Responsibility
K1	2	2	2	1	2	2	1
K2	3	3	3	2	2	2	3
Grade 1	3	3	3	2	2	3	2
Grade 2	2	3	3	3	3	2	2
Grade 3	3	2	2	3	3	2	3
Grade 4	2	2	3	3	3	3	2
Grade 5	3	3	2	2	3	2	3

Programme of Inquiry (Science, Social Studies, PSE & Trans-Disciplinary Curriculum)

			K 1			
Themes	Who we Are	Where we are in place and time	How we express ourselves	How the world works	How we organise 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.
Central Idea	We are learning about who we are in relationship with others and environment		Stories inform and provoke us, and give us pleasure	All living things go through a process of change		Plants sustain life on Earth and play a role in our lives
Subject Strand	Science : Living things PSPE: Identity		Social Studies: Social organisation & culture	Science : Living things		Science : Living things
Subject Integration	PSPE, Arts Science, English		Arts, Dance, Social Studies, Language, Music	Arts, Science, PSE		Arts, Science, Math
Related Concepts	<ul style="list-style-type: none"> Identity Growth 		<ul style="list-style-type: none"> Feelings Emotions, 	<ul style="list-style-type: none"> Growth Life Cycle Transformation 		<ul style="list-style-type: none"> Interdependence, appreciation
Key Concept	<ul style="list-style-type: none"> Form Perspective Function 		<ul style="list-style-type: none"> Connection Function Causation 	<ul style="list-style-type: none"> Form Change Connection 		<ul style="list-style-type: none"> Causation Perspective Responsibility

Lines of Inquiry	<ul style="list-style-type: none"> • My physical self • My potential • Effects of relationships on my self-awareness 		<ul style="list-style-type: none"> • Messages through stories • Ways stories are created and shared • Feelings and emotions that stories evoke 	<ul style="list-style-type: none"> • Patterns of growth • Changes in living things over their lifetime • Factors that influence life cycles 		<ul style="list-style-type: none"> • Caring for plants • Products we derive from plants • Contribution of plants on Earth
Learner Profile	<ul style="list-style-type: none"> • Principled • Balanced • Knowledgeable 		<ul style="list-style-type: none"> • Communicator • Inquirer 	<ul style="list-style-type: none"> • Risk taker • Thinker • Reflective 		<ul style="list-style-type: none"> • Caring • Open minded
ATL	<ul style="list-style-type: none"> • Social Skills Interpersonal relationships Social and emotional intelligence • Self-management skills Organization 		<ul style="list-style-type: none"> • Communication skills Listening Speaking • Thinking skills Critical Thinking 	<ul style="list-style-type: none"> • Thinking skills Critical Thinking Creative thinking • Research skills Information Literacy 		<ul style="list-style-type: none"> • Research skills Information Literacy • Self-management skills State of Mind
Action	<ul style="list-style-type: none"> • Participation Makes appropriate choices and takes responsibility for personal learning and actions • Lifestyle choices Takes responsibility for interactions and relationships with others 		<ul style="list-style-type: none"> • Participation Works collaboratively with teachers and peers to plan, present, reflect upon, adjust and contribute to collective action) • Advocacy Supports peers in the learning community 	<ul style="list-style-type: none"> • Participation Works collaboratively with teachers and peers to plan, present, reflect upon, adjust and contribute to collective action • Advocacy Supports peers in the learning community 		<ul style="list-style-type: none"> • Advocacy Shares ideas with others, for example, peers, school leadership, local or global community organizations

Programme of Inquiry (Science, Social Studies, PSE & Trans-Disciplinary Curriculum)

			K 2			
Themes	Who we Are	Where we are in place and time	How we express ourselves	How the world works	How we organise 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.
Central Idea	We all play a role in creating our community	Journeys create change and can lead to new opportunities	Finding beauty in the world around us can give us pleasure	Machine make our work more efficient	We organize ourselves in relational, systemic and functional ways	Living things have certain requirements in order to grow and stay healthy
Subject Strand	Social Studies: Social organisation and culture	Social Studies: Human Systems & economic activities	Social Studies & Language: Continuity & change through time	Science: Forces and energy	Social Studies: Human Systems & economic activities	Science : Living things
Subject Integration	Dance, Social Studies, English, PSPE	Arts, Social Studies, Math	Arts, Dance , English, Music	PSPE ,Science, Math	PSE ,Social studies, English	Arts, Science, Math
Related Concepts	<ul style="list-style-type: none"> • Communication • Negotiation 	<ul style="list-style-type: none"> • Time • Continuity • Heritage 	<ul style="list-style-type: none"> • Communications • Opinions • Imaginations 	<ul style="list-style-type: none"> • Efficiency • Levers and Screws • Force 	<ul style="list-style-type: none"> • Organisation • Relationships 	<ul style="list-style-type: none"> • Classification • Living & Non-living things
Key Concept	<ul style="list-style-type: none"> • Function • Connection • Responsibility 	<ul style="list-style-type: none"> • Causation • Perspective • Change 	<ul style="list-style-type: none"> • Form • Connection • Perspective 	<ul style="list-style-type: none"> • Form • Function • Connection 	<ul style="list-style-type: none"> • Responsibility • Causation • Change 	<ul style="list-style-type: none"> • Form • Function • Responsibility

Lines of Inquiry	<ul style="list-style-type: none"> • Different communities around us • Roles we take on within community • Children's right within community 	<ul style="list-style-type: none"> • Types of journeys and its effects on people • Choices and decisions involved in making a journey • Changes experienced because of a journey 	<ul style="list-style-type: none"> • Understanding beauty • Exploring our local environment • Representing our personal vision of beauty 	<ul style="list-style-type: none"> • Types of simple machine • The parts and purposes of machine • Ways machines help us 	<ul style="list-style-type: none"> • Essential agreements to contribute to shared well-being • Organization of our spaces • Organization of our time 	<ul style="list-style-type: none"> • Characteristics of living things • Our needs and the needs of other living things • Our responsibility for the well-being of other living things
Learner Profile	<ul style="list-style-type: none"> • Principled • Caring 	<ul style="list-style-type: none"> • Open-minded • Inquirer 	<ul style="list-style-type: none"> • Open-minded • Communicator 	<ul style="list-style-type: none"> • Risk taker • Thinker 	<ul style="list-style-type: none"> • Knowledgeable • Balanced 	<ul style="list-style-type: none"> • Caring • Knowledgeable
ATL	<ul style="list-style-type: none"> • Communication Skills: listening speaking • Self-management Skills: organisation state of mind 	<ul style="list-style-type: none"> • Research Skills: Information Literacy Media literacy • Social Skills: Interpersonal relationships 	<ul style="list-style-type: none"> • Communication Skills: Exchanging Information • Thinking Skills: Critical Thinking 	<ul style="list-style-type: none"> • Thinking Skills: Critical Thinking • Research Skills: Data gathering and recording 	<ul style="list-style-type: none"> • Social Skills : Interpersonal Relationships Social and emotional Intelligence • Self-management skills: Organization State of mind 	<ul style="list-style-type: none"> • Thinking Skills: Creative Thinking • Social Skills: Interpersonal Relationships • Social and emotional Intelligence
Action	<ul style="list-style-type: none"> • Participation Makes appropriate choices and takes responsibility for personal learning and actions) 	<ul style="list-style-type: none"> • Advocacy Supports peers in the learning community) 	<ul style="list-style-type: none"> • Participation Works collaboratively with teachers and peers to plan, present, reflect upon, adjust and contribute to collective action • Life style choices Takes responsibility for interactions and relationships with others 	<ul style="list-style-type: none"> • Participation Contributes to discussions and learning experiences • Life style choice Engages in responsible and sustainable consumption) 	<ul style="list-style-type: none"> • Participation Gets involved in class, school and community projects) 	<ul style="list-style-type: none"> • Advocacy Takes on the role of student representative at class, school, local community level and beyond • Life style choices Engages in responsible and sustainable consumption)

Programme of Inquiry (Science, Social Studies, PSE & Trans-Disciplinary Curriculum)

			Grade 1			
Themes	Who we Are	Where we are in place and time	How we express ourselves	How the world works	How we organise 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.
Central Idea	Relationships are developed by the way we communicate and interact with others	Homes reflect cultural influences and local conditions	Through the arts people use different forms of expression to convey their uniqueness as human beings	People apply their understanding of forces and energy to invent and create	Many products go through a process of change before they are consumed or used	People can make choices to support the sustainability of the Earth's resources.
Subject Strand	Social Studies: Social organisation and Culture	Social Studies: Social organisation and Culture	Social Studies: Social organisation and Culture	Science: Forces & Energy	Science: Living things, Matter and Material	Science: Earth & Space Social Studies: Resources & environment
Subject Integration	PSPE, Language, Dance	Language , Art, Social Studies	Art, Social Studies, Dance, Music, PSPE	Science, PE, PSE	Math, Social Studies, Science	Social Studies, Science, Social Studies
Related Concepts	<ul style="list-style-type: none"> Relationships Communication Interaction 	<ul style="list-style-type: none"> Culture Needs Locality 	<ul style="list-style-type: none"> Perception Self-expression 	<ul style="list-style-type: none"> Ingenuity Technology Energy & Forces 	<ul style="list-style-type: none"> Component Process Choice 	<ul style="list-style-type: none"> Lifestyle Resource Waste
Key Concept	<ul style="list-style-type: none"> Causation Responsibility Perspective 	<ul style="list-style-type: none"> Form Connection, Perspective 	<ul style="list-style-type: none"> Function Perspective Connection 	<ul style="list-style-type: none"> Form, Function Causation 	<ul style="list-style-type: none"> Change, Connection, Responsibility 	<ul style="list-style-type: none"> Form Change Function

Lines of Inquiry	<ul style="list-style-type: none"> The way we communicate and interact can affect relationships Maintaining positive relationships through actions and choices The importance of considering and respecting others 	<ul style="list-style-type: none"> Homes and its constituents Connection between home, family values and local cultures Factors that determine where people live 	<ul style="list-style-type: none"> The diverse ways in which people express themselves Expressing uniqueness through the arts The role of art in culture and society 	<ul style="list-style-type: none"> Inventions that impact people's lives Inventions that involved forces and energy Circumstances that lead to the creation of important inventions 	<ul style="list-style-type: none"> Changes products go through Distribution of products Choosing & using Products responsibly 	<ul style="list-style-type: none"> Earth's finite and infinite resources The impact of people's choices on the environment The balance between meeting human needs and the use of resources
Learner Profile	<ul style="list-style-type: none"> Caring Principled 	<ul style="list-style-type: none"> Open-minded Reflective 	<ul style="list-style-type: none"> Risk Takers Communicators 	<ul style="list-style-type: none"> Inquirers Thinkers 	<ul style="list-style-type: none"> Knowledgeable Communicators 	<ul style="list-style-type: none"> Knowledgeable Balanced
ATL	<ul style="list-style-type: none"> Communication skills : Listening Speaking Literacy Reading Social skills: Interpersonal relationships Social and emotional intelligence 	<ul style="list-style-type: none"> Self-Management skills: Uses time effectively and appropriately Brings necessary equipment and supplies to class Research skills: Information Literacy Formulating and planning Uses all senses to find and notice relevant details Records observations 	<ul style="list-style-type: none"> Communication skills: Interpreting Recognizes the meaning of kinaesthetic communication (body language) Is aware of cultural differences when providing and interpreting communication Thinking skills : Creative Thinking : Generating novel ideas Use discussions and diagrams to generate new ideas and inquiries 	<ul style="list-style-type: none"> Research skills: Synthesizing and interpreting Evaluating and communicating Thinking skills Critical Thinking Analysing 	<ul style="list-style-type: none"> Thinking skills: Analysis Synthesis Research skills Planning Collecting data and Recording data 	<ul style="list-style-type: none"> Research skills: Data gathering and recording Evaluating and communicating Self-Management skills Organization Mindfulness

Action	<ul style="list-style-type: none"> • Participation Makes appropriate choices and takes responsibility for personal learning and action • Lifestyle choices Takes responsibility for interactions and relationships with others 	<ul style="list-style-type: none"> • Participation Contributes to discussions and learning experiences Raises awareness of opportunities for taking action with peers and/or family 	<ul style="list-style-type: none"> • Participation Contributes to discussions and learning experiences Raises awareness of opportunities for taking action with peers and/or family 	<ul style="list-style-type: none"> • Participation Reflects on the impact of personal choices on local and global environments Engages in responsible and sustainable consumption • Advocacy Shares ideas with others, for example, peers, school leadership, local or global community organizations 	<ul style="list-style-type: none"> • Lifestyles Choices Considers and acts on factors that contribute to personal, social and physical health and well-being Reflects on the impact of personal choices on local and global environments Engages in responsible and sustainable consumption 	<ul style="list-style-type: none"> • Advocacy Initiates, or becomes part of, a campaign for positive change • Lifestyle choices Reflects on the impact of personal choices on local and global environment Engages in responsible and sustainable consumption
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Programme of Inquiry (Science, Social Studies, PSE & Trans-Disciplinary Curriculum)

			Grade 2			
Themes	Who we Are	Where we are in place and time	How we express ourselves	How the world works	How we organise 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.
Central Idea	Choices of role models reflect the beliefs and values of individuals and societies	Our knowledge of space has changed over time.	People recognize important events through celebrations and traditions	Understanding the properties of air allows people to make practical applications	Signs and symbols are part of human-made systems that facilitate local and global communication	Human impact on habitats requires solutions for survival of living things
Subject Strand	Social Studies : Social organisation & culture	Science: Earth and Space Social Studies: Continuity & Change through time	Social Studies : Social organisation & culture	Science: Forces and Energy	Social Studies: Human Systems & economic activities	Science: Living Things Social Studies: Resources & Environment
Subject Integration	Language, Social studies, PSPE, Dance	Language, Science & Art, Math	Languages, & Art Dance & Music	Language, Science & Art, PE	Language, Math, & Art, Dance, PE	Language, Science & Art
Related Concepts	<ul style="list-style-type: none"> Identity Opinion 	<ul style="list-style-type: none"> Space Solar system 	<ul style="list-style-type: none"> Beliefs & Values Cultures 	<ul style="list-style-type: none"> Force Energy 	<ul style="list-style-type: none"> Culture Media Pattern 	<ul style="list-style-type: none"> Cycles Interconnectedness

Key Concept	<ul style="list-style-type: none"> • Causation • Perspective • Change 	<ul style="list-style-type: none"> • Causation • Form • Change 	<ul style="list-style-type: none"> • Form • Perspective • Connection 	<ul style="list-style-type: none"> • Causation • Function • Connection 	<ul style="list-style-type: none"> • Function • Connection • Responsibility 	<ul style="list-style-type: none"> • Function • Change • Responsibility
Lines of Inquiry	<ul style="list-style-type: none"> • Causes behind our Beliefs and values • Reasons to choose role models • Influence of role models on our choices and actions 	<ul style="list-style-type: none"> • Theories around space • Our solar system • Discoveries in space over time 	<ul style="list-style-type: none"> • Traditions and their forms • Reasons for celebrations • Similarities and differences between various celebrations 	<ul style="list-style-type: none"> • The evidence of the existence of air • Functions and uses of air • The relationship between air, light and sound 	<ul style="list-style-type: none"> • Communication and facilitation through visual languages • Specialized systems of communication • Following and using signs and symbols responsibly 	<ul style="list-style-type: none"> • Cycles of the natural world and their functions • Impact on cycles by humans • Solutions to ensure living things to thrive
Learner Profile	<ul style="list-style-type: none"> • Principle • Risk Takers 	<ul style="list-style-type: none"> • Thinkers • Knowledgeable 	<ul style="list-style-type: none"> • Open Minded • Caring 	<ul style="list-style-type: none"> • Inquirer • Knowledgeable 	<ul style="list-style-type: none"> • Communicator • Thinker 	<ul style="list-style-type: none"> • Reflective • Balanced
ATL	<ul style="list-style-type: none"> • Research Skills: Formulating and Planning Synthesising and Interpreting • Self-management Skills: Organization 	<ul style="list-style-type: none"> • Thinking Skills: Critical Thinking Analysing Considers meaning of materials Creative Thinking Considering new perspectives • Social Skills: Interpersonal relationships 	<ul style="list-style-type: none"> • Communication skills: Interpreting Speaking • Social skills: Interpersonal relationships 	<ul style="list-style-type: none"> • Research skills: Information literacy Data gathering and recording Synthesizing and interpreting • Self-Management skills: Organization 	<ul style="list-style-type: none"> • Communication skills: Interpreting Speaking • Thinking skills: Creative thinking 	<ul style="list-style-type: none"> • Thinking skills: Critical thinking: analysing • Communication Skills: Exchanging information Listening
Action	<ul style="list-style-type: none"> • Social justice Explores issues of fairness from different perspectives 	<ul style="list-style-type: none"> • Participation Works collaboratively with teachers and peers to plan, present, reflect upon, adjust and contribute to collective action 	<ul style="list-style-type: none"> • Advocacy Shares ideas with others, for example, peers, school leadership, local or global community organizations 	<ul style="list-style-type: none"> • Participation Contributes to discussions and learning experiences 	<ul style="list-style-type: none"> • Participation Makes appropriate choices and takes responsibility for personal learning and actions 	<ul style="list-style-type: none"> • Lifestyle choice Engages in responsible and sustainable consumption • Reflects on the impact of personal choices on local and global environment

Programme of Inquiry (Science, Social Studies, PSE & Trans-Disciplinary Curriculum)

			Grade 3			
Themes	Who we Are	Where we are in place and time	How we express ourselves	How the world works	How we organise 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.
Central Idea	The choices people make affect their health and well-being.	The Earth's physical geography has an impact on human interactions and settlements	Imagination is a powerful tool for extending our ability to think, create and express ourselves	Energy can be converted, transformed and used to support human progress	Technology impacts on the world of work and leisure	Finding peaceful solutions to conflict leads to a better quality of human life
Subject Strand	Science : Living things	Science : Earth and Space Social Studies: Resources & Environment	Social Studies: Continuity & change through time	Science: Forces and Energy Social Studies: Resources & Environment	Science: Forces and Energy	Social Studies: Human System and economic activities
Subject Integration	Language, Math, Science, P.E	English, Social studies and Science, Music	English, Art, Language, Music, Dance	Language. Math, Science, PE	Math, Science, PSE	English, Social studies, Math, Music
Related Concepts	<ul style="list-style-type: none"> Choice Influence Health & Diseases 	<ul style="list-style-type: none"> Geography Settlement, Modification 	<ul style="list-style-type: none"> Empathy Inventions, Transformation 	<ul style="list-style-type: none"> Conservation Transformation 	<ul style="list-style-type: none"> Communication, Systems Ethics 	<ul style="list-style-type: none"> Conflict Diversity, Justice

Key Concept	<ul style="list-style-type: none"> • Perspective • Change • Function 	<ul style="list-style-type: none"> • Form • Connection • Causation 	<ul style="list-style-type: none"> • Causation • Perspective • Function 	<ul style="list-style-type: none"> • Form • Change • Responsibility 	<ul style="list-style-type: none"> • Connection • Change • Responsibility 	<ul style="list-style-type: none"> • Form • Causation • Responsibility
Lines of Inquiry	<ul style="list-style-type: none"> • Ways to keep a balanced lifestyle • Effects of choices on our health • Different sources of information that help us make choices. 	<ul style="list-style-type: none"> • Variability of physical geography around the world • The relationship between location and settlement • Impact of human interaction on the physical environment 	<ul style="list-style-type: none"> • Demonstrating and enjoying our imagination through creativity. • Considering others perspectives through poetry. • Imagination helps us to solve problems. 	<ul style="list-style-type: none"> • Different forms of energy sources (renewable and non-renewable) • Transformation of energy for everyday use • Sustainable energy practices 	<ul style="list-style-type: none"> • Technology and inventions of the home, workplace and leisure activities • Circumstances that lead to the development of important inventions and their impact • Supports/impacts of technology on sustainability 	<ul style="list-style-type: none"> • Types of conflict • Causes of conflict • Conflict resolution, management and working peacefully
Learner Profile	<ul style="list-style-type: none"> • Inquirers • Balanced 	<ul style="list-style-type: none"> • Thinkers • Knowledgeable 	<ul style="list-style-type: none"> • Communicators • Open-minded 	<ul style="list-style-type: none"> • Caring • Reflective 	<ul style="list-style-type: none"> • Thinkers • Risk takers 	<ul style="list-style-type: none"> • Principled • Reflective
ATL	<ul style="list-style-type: none"> • Research Skills: Media- literacy (interacting with media to use and create ideas and information) • Communication skills: listening, interpreting, speaking • Self- Management skills: managing time and task effectively 	<ul style="list-style-type: none"> • Research skills: Data gathering, recording Formulating and planning Synthesizing and interpreting • Thinking skills: Generating novel ideas Information Transfer 	<ul style="list-style-type: none"> • Thinking skills: Critical thinking Analysing. • Communication skills: Listening, interpreting ng, speaking 	<ul style="list-style-type: none"> • Thinking skills: Creative thinking: Considering new perspectives Analysing, Forming decisions • Research Skills: Data Gathering Recording Data 	<ul style="list-style-type: none"> • Research skills: Data gathering and recording. Synthesizing and interpreting • Communication skills: ICT skills 	<ul style="list-style-type: none"> • Communication Skills: Literacy Skills • Social skills: Cooperating, Resolving • Self-Management Skills Mindfulness.

Action	<ul style="list-style-type: none"> • Lifestyle choices Takes responsibility for interactions and relationships with others Reflects on the impact of personal choices on local and global environments 	<ul style="list-style-type: none"> • Participation Makes appropriate choices and takes responsibility for personal learning and actions 	<ul style="list-style-type: none"> • Participation Contributes to discussions and learning experiences 	<ul style="list-style-type: none"> • Advocacy Shares ideas with others, for example, peers, school leadership, local or global community organizations. Takes on the role of student representative at class, school, local community level and beyond 	<ul style="list-style-type: none"> • Social Justice Explores issues of fairness from different perspectives Is aware of, and inquires further into, challenges and opportunities in the local and global community 	<ul style="list-style-type: none"> • Participation Is aware of democratic processes and taking part in decision-making
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Programme of Inquiry (Science, Social Studies, PSE & Trans-Disciplinary Curriculum)

			Grade 4			
Themes	Who we Are	Where we are in place and time	How we express ourselves	How the world works	How we organise 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.
Central Idea	Discovering the similarities of our beliefs and values leads to a greater understanding and appreciation for one another	Influences of past civilizations impact our world today	The media can influence our thinking and behaviour	Human survival is connected to understanding the continual changing nature of the earth	Economic activity relies on systems of production, exchange and consumption of goods and services	Biodiversity relies on maintaining the interdependent balance of organisms within systems
Subject Strand	Social Studies : Social organisation & culture	Social Studies: Continuity & change through times	Social Studies: Social Organisation & Culture	Science : Earth and Space Social Studies: Resource & Environment	Social Studies: Human System and economic activities	Science : Living things Social Studies: Resource & Environment
Subject Integration	Languages, PSE, Social Science, Art, Music, Dance	Language ,Social Science, PSPE, Art , Math , Dance	Art, Language , PSPE, Music	Language, Social studies, Science, Art, Math, PSE	Math ,Art, Language PSE	Language, Art, Social Science
Related Concepts	<ul style="list-style-type: none"> Diversity Perception 	<ul style="list-style-type: none"> Progress Discovery 	<ul style="list-style-type: none"> Interpretation Communication 	<ul style="list-style-type: none"> Erosion Geology 	<ul style="list-style-type: none"> Choice Consequences, 	<ul style="list-style-type: none"> Interdependence Consequences

	<ul style="list-style-type: none"> Commitment 	<ul style="list-style-type: none"> Exploration Innovation 	<ul style="list-style-type: none"> Images Messages 	<ul style="list-style-type: none"> Tectonic plates Movement 	<ul style="list-style-type: none"> Consumerism Trade 	<ul style="list-style-type: none"> Adaptation Organisms
Key Concept	<ul style="list-style-type: none"> Connection Perspective Causation 	<ul style="list-style-type: none"> Form Change Perspective 	<ul style="list-style-type: none"> Function Perspective Causation 	<ul style="list-style-type: none"> Form Change Causation 	<ul style="list-style-type: none"> Function Connection Responsibility 	<ul style="list-style-type: none"> Connection Change Responsibility
Lines of Inquiry	<ul style="list-style-type: none"> Similarities and differences between belief systems Contribution of beliefs and values in the community Impact of spiritual traditions on society 	<ul style="list-style-type: none"> Characteristics of civilization Connections between past and present Implications for the future 	<ul style="list-style-type: none"> Types of media and their function Perceptions create opinions Impact of media on us 	<ul style="list-style-type: none"> Different components of earth Continues changing nature of the Earth & its reasons Human response to the Earth's changes. 	<ul style="list-style-type: none"> The role of supply and demand Distribution of goods and services Our responsibility as consumer 	<ul style="list-style-type: none"> Ways in which ecosystems, biomes and environments are interdependent Human interactions and its effects on the balance of systems Our responsibility towards our ecosystem
Learner Profile	<ul style="list-style-type: none"> Principled Open-minded 	<ul style="list-style-type: none"> Inquirer Communicator 	<ul style="list-style-type: none"> Thinker Communicator 	<ul style="list-style-type: none"> Knowledgeable Balanced 	<ul style="list-style-type: none"> Risk taker Reflective 	<ul style="list-style-type: none"> Caring Reflective
ATL	<ul style="list-style-type: none"> Thinking Skills: Critical Thinking Reflection and Metacognition Self-management Skills: State Of Mind Mindfulness 	<ul style="list-style-type: none"> Research Skills: Data gathering and recording Evaluating and Communicating Communication Skills: Interpreting Speaking 	<ul style="list-style-type: none"> Thinking Skills: Creative Thinking Information Transfer Communication Skills: Exchanging Information Use of ICT 	<ul style="list-style-type: none"> Research Skills Formulating and planning Synthesizing and interpreting Self-Management Skills: Organization Perseverance 	<ul style="list-style-type: none"> Social Skills: Interpersonal Relationships - Consensus and negotiation Social and Emotional Intelligence - Learning group Thinking Skills: Critical Thinking: Analysing Evaluating 	<ul style="list-style-type: none"> Social skills: Interpersonal Relationships Social and Emotional Intelligence Communication skills: Listening Writing

					Creative Thinking: Generating new Ideas, new prospects	
Action	<ul style="list-style-type: none"> • Participation Raises awareness of opportunities for taking action with peers and/or family 	<ul style="list-style-type: none"> • Participation Works collaboratively with teachers and peers to plan, present, reflect upon, adjust and contribute to collective action 	<ul style="list-style-type: none"> • Social justice Challenges assumptions and generalizations 	<ul style="list-style-type: none"> • Advocacy Initiates, or becomes part of, a campaign for positive change 	<ul style="list-style-type: none"> • Social entrepreneurship Designs, plans and develops models and solutions to address identified issues 	<ul style="list-style-type: none"> • Lifestyle choices Reflects on the impact of personal choices on local and global environments

Programme of Inquiry (Science, Social Studies, PSE & Trans-Disciplinary Curriculum)

			Grade 5			
Themes	Who we Are	Where we are in place and time	How we express ourselves	How the world works	How we organise 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.
			This is the Proposed Theme for PYP Exhibition. Certain details will change later and will be co-constructed with the students.			
Central Idea	The effective interactions between human body systems contribute to health and survival.	Human migration is a response to challenges, risks and opportunities.	The way leaders express and influence people impacts the society	Natural materials can undergo changes that may provide challenges and benefits for society and the environment	Government systems influence the lives of citizens	Children worldwide encounter a range of challenges, risks and opportunities

Subject Strand	Science: Living things:	Social Studies: Human & natural environment	Social Studies : Social organisation & culture	Science : Matter and Material Social Studies: Resources & environment	Social Studies: Human System & Economic activities	Social Studies: Social Organisation & Culture
Subject Integration	Art , PE, Math, Science Language , PSPE	Dance, Music, Math, Language, PSE, Art	Language, Math, PSE, Dance, Art, Music	Math, Language, Science	Language, Social Studies, PSE	Art, English, Math, Dance, PE
Related Concepts	<ul style="list-style-type: none"> • Interdependence • Homeostasis • Health 	<ul style="list-style-type: none"> • Population • Settlement • Diversity • Refugee 	<ul style="list-style-type: none"> • Stereotype • Individuality • Identity • Leadership 	<ul style="list-style-type: none"> • Sustainability • Transformation • Industrialization 	<ul style="list-style-type: none"> • Equality • Citizenship • Governance & Law • Politics 	<ul style="list-style-type: none"> • Equality • Rights • Resilience • Health
Key Concept	<ul style="list-style-type: none"> • Function • Connection • Responsibility 	<ul style="list-style-type: none"> • Causation • Change • Connection 	<ul style="list-style-type: none"> • Form • Perspective • Causation 	<ul style="list-style-type: none"> • Form • Change • Responsibility 	<ul style="list-style-type: none"> • Function • Causation • Responsibility 	<ul style="list-style-type: none"> • Form • Perspective • Function
Lines of Inquiry	<ul style="list-style-type: none"> • Functions of Body systems • Interdependence of body systems • Impact of lifestyle choices on the body 	<ul style="list-style-type: none"> • Reasons for migration • Migration throughout history • Effects of migration on communities, cultures and individuals 	<ul style="list-style-type: none"> • Famous world leaders and their roles • Qualities of leadership • Ways leaders have impacted societies 	<ul style="list-style-type: none"> • Classification and properties of materials • Conditions that cause reversible and irreversible changes in materials • The impact of retrieval, production and the use of materials 	<ul style="list-style-type: none"> • Functions of government systems • Impact of government on citizens • The rights and responsibilities of citizenship 	<ul style="list-style-type: none"> • Challenges, risks and opportunities that children encounter (local and global) • Children's response to challenges, risks and opportunities • Ways in which individuals and organizations work to protect children from risk
Learner Profile	<ul style="list-style-type: none"> • Caring • Balanced 	<ul style="list-style-type: none"> • Communicator • Reflective 	<ul style="list-style-type: none"> • Communicator • Open-minded 	<ul style="list-style-type: none"> • Knowledgeable • Risk-taker 	<ul style="list-style-type: none"> • Principled • Reflective 	<ul style="list-style-type: none"> • Caring • Thinker
ATL	<ul style="list-style-type: none"> • Research skills: Information literacy: Formulating and Planning 	<ul style="list-style-type: none"> • Research Skills: Information Literacy Media Literacy 	<ul style="list-style-type: none"> • Communication skills: Exchanging Information: 	<ul style="list-style-type: none"> • Research Skills: Formulating and Planning Data Gathering and Recording 	<ul style="list-style-type: none"> • Self-management Skills: Organization 	<ul style="list-style-type: none"> • Thinking Skills: Creative Thinking Information Transfer

	<p>Synthesizing and Interpreting</p> <ul style="list-style-type: none"> • Self-Management skills: Organization State of Mind 	<ul style="list-style-type: none"> • Communication skills: Exchanging Information Speaking and Literacy 	<p>Listening, Speaking</p> <ul style="list-style-type: none"> • Self-management skills: Organization State of mind 	<ul style="list-style-type: none"> • Thinking skills: Critical Thinking: Organise relevant information to formulate an argument • Creative Thinking Ask what if questions and generate testable hypothesis 	<ul style="list-style-type: none"> • Social Skills: Interpersonal Relationships 	<ul style="list-style-type: none"> • Social Skills: Interpersonal Relationships Social and Emotional Intelligence
Action	<ul style="list-style-type: none"> • Lifestyle Choices Considers and acts on factors that contribute to personal, social and physical health and well-being Takes responsibility for interactions and relationships with others 	<ul style="list-style-type: none"> • Social Justice Reflects on the ethical consequences of potential decisions and actions 	<ul style="list-style-type: none"> • Social Justice Explores issues of fairness from different perspectives. Reflects on experiences involving positive social change 	<ul style="list-style-type: none"> • Participation Contributes to discussions and learning experiences Raises awareness of opportunities for taking action with peers and/or family 	<ul style="list-style-type: none"> • Participation Is aware of democratic processes and taking part in decision-making 	<ul style="list-style-type: none"> • Social Justice Is aware of, and inquires further into, challenges and opportunities in the local and global community • Participation Works collaboratively with teachers and peers to plan, present, reflect upon, adjust and contribute to collective action