CISH Programme of Inquiry

2017/2018 Academic Year
K1 – Grade 5

Grade Levels	Who We Are	How We Express Ourselves	How We Organize Ourselves	How The World Works	Where We Are In Place And Time	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 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 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 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 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 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.
K1	**Central Idea:** As we grow and change, we learn more about ourselves, and the world around us. **Lines of Inquiry:** • Physical characteristics that make up who we are. • How we grow and change.	**Central Idea:** Through art we can express ourselves. **Lines of Inquiry:** • Types of creative expression. • The importance of art. • How we respond to art. **Key Concepts:**		**Central Idea:** Transport has changed over time as it meets peoples' needs. **Lines of Inquiry:** • Types of transportation around the world • Reasons for choosing specific types of transportation		**Central Idea:** The earth I live in and care for is made up of both living and non-living things. **Lines of Inquiry:** • The difference between living and non-living. • Our responsibility towards the planet.

	• What we discover through our senses. **Key Concepts:** Form, Change, Function **Related Concepts:** Growth, Senses, Characteristics **Learner Profile:** Knowledgeable, Inquirers, Balanced **Attitudes:** Curiosity, Appreciation, Enthusiasm **Subject Focus:** Language, Social Studies, PSPE	Form, Perspective, Reflection **Related Concepts:** Imagination, Creation, Design **Learner Profile:** Risk-takers, Open-minded **Attitudes:** Creativity, Confidence, Independence **Subject Focus:** Language, Visual Arts		• How modes of transportation have changed over time **Key Concepts:** Form, Causation, Change **Related Concepts:** Transportation, Roads **Learner Profile:** Communicators, Thinkers, Reflective **Attitudes:** Curiosity, Appreciation, Enthusiasm **Subject Focus:** Language, Science, Music, Mathematics		• Connecting with the planet around us. **Key Concepts:** Change, Responsibility, Connection **Related Concepts:** Guardianship, Organic, Inorganic **Learner Profile:** Inquirers, Caring, Principled **Attitudes:** Cooperation, Tolerance, Integrity **Subject Focus:** Language, Science, Mathematics, PSPE
K2	**Central Idea:** Families contribute to shaping our identity. **Lines of Inquiry:** • Different relationships. • Our roles in maintaining relationships. • Roles and responsibilities change over time **Key Concepts:** Perspective, Responsibility, Change **Related Concepts:** Relationships, Roles	**Central Idea:** People express themselves through different celebrations. **Lines of Inquiry:** • Different types of celebrations. • Reasons people celebrate. • Ways people celebrate. **Key Concepts:** Function, Connection, Perspective **Related Concepts:** Culture, Celebrations **Learner Profile:**		**Central Idea:** Animals depend on natural resources and human care. **Lines of Inquiry:** • Types of animals. • How we take care of animals. • Different animals depend upon different resources. **Key Concepts:** Form, Causation, Responsibility **Related Concepts:** Behaviour, Values **Learner Profile:**	**Central Idea:** Homes reflect personal identity and location. **Lines of Inquiry:** • Concept of homes around the world • Connections between homes and personal identity. • Importance of homes within a community. **Key Concepts:** Connection, Form, Reflection **Related Concepts:** Homes, Identity	

	Learner Profile: Caring, Principled **Attitudes:** Commitment, Empathy, Respect, Independence **Subject Focus:** Language, Social Studies, Visual Arts, PSPE	Communicator, Reflective, Inquirer **Attitudes:** Creativity, Appreciation, Enthusiasm **Subject Focus:** Language, Visual Arts, Social Studies, Music		Risk-taking, Open-minded, Balanced **Attitudes:** Tolerance, Empathy, Integrity **Subject Focus:** Language, Science, Mathematics, PSPE	**Learner Profile:** Knowledgeable, Thinkers **Attitudes:** Curiosity, Cooperation, Confidence **Subject Focus:** Language, Visual Arts, Social Studies	
K3	**Central Idea:** Learning about ourselves enables us to develop self-identity. **Lines of Inquiry:** • Our personal interests. • Our abilities and what we can do. • Our social and emotional characteristics. **Key Concepts:** • Perspective • Responsibility • Reflection **Related Concepts:** Emotions, Skills, Characteristics **Learner Profile:** Balanced, Principled, Open-minded **Attitudes:**	**Central Idea:** Imagination helps us to think, create, and express ourselves in new ways. **Lines of Inquiry:** • How we show and enjoy imagination. • How imagination helps us to open our minds creatively. • How imagination helps us think about other perspectives. **Key Concepts:** • Function • Reflection • Perspective **Related Concepts:** Imagination, Innovation **Learner Profile** Thinkers, Open-minded, Reflective **Attitudes:**	**Central Idea:** Signs and symbols have been created to help with communication. **Lines of Inquiry:** • Different signs and symbols. • Creation of signs and symbols. • How signs and symbols support communication. **Key Concepts:** • Form, • Connection • Function **Related Concepts:** Communication, Signs, Symbols **Learner Profile:** Inquirers, Thinkers, Communicators **Attitudes:**	**Central Idea:** Understanding the way materials behave and interact determines how people use them. **Lines of Inquiry:** • Behaviour and uses of materials. • Changing properties of materials. • Manipulation of materials for specific purposes. **Key Concepts:** • Function • Causation • Change **Related Concepts:** Materials, Properties **Learner Profile:** Inquirers, Knowledgeable, Risk-takers	**Central Idea:** Public areas strengthen communities and provide people with opportunities to connect. **Lines of Inquiry:** • Different public areas and their functions. • How and why public areas develop and change. • The interconnectedness between public areas and people. **Key Concepts:** • Change • Form • Function **Related Concepts:** Interconnectedness, Community, Organization **Learner Profile:**	**Central Idea:** Plants are a life-sustaining resource for us and for other living things. **Lines of Inquiry:** • What plants provide for us and other living things. • The structure of plants. • Caring for plant life. **Key Concepts:** • Connection • Causation • Responsibility **Related Concepts:** Growth, Interconnectedness, Sustainability **Learner Profile:** Inquirers, Caring, Reflective

	Appreciation, Confidence, Curiosity, Tolerance **Subject Focus:** Language, Social Studies, Visual Arts, PSPE	Creativity, Enthusiasm, Respect, Tolerance **Subject Focus:** Language, Visual Arts	Commitment, Integrity, Independence **Subject Focus:** Language, Visual Arts, Social Studies, Mathematics	**Attitudes:** Creativity, Curiosity, Confidence **Subject Focus:** Language, Science, Social Studies, PSPE, Visual Arts, Music	Appreciation, Cooperation, Empathy **Attitudes:** Cooperation, Empathy, Appreciation **Subject Focus:** Language, Visual Arts, Math.	**Attitudes:** Commitment, Curiosity, Independence **Subject Focus:** Language, Science, PSPE
Grade 1	**Central Idea:** The choices we make determine our health. **Lines of Inquiry:** ▪ What it means to be healthy ▪ Our choices have consequences ▪ Ways to maintain a healthy lifestyle **Key Concepts:** Function, Reflection, Responsibility **Related Concepts:** Food Groups, Hygiene **Learner Profile:** Balanced, Open-minded, Principled **Attitudes:** Commitment, Enthusiasm, Integrity	**Central Idea:** Authors use stories to communicate a message. **Lines of Inquiry:** • Types of fictional texts. • Feelings and emotions conveyed by fictional texts. • How creativity changes the outcomes of a story. **Key Concepts:** Form, Reflection, Causation **Related Concepts:** Character, Setting, Plot **Learner Profile:** Risk-Takers, Reflective, Communicators **Attitudes:** Confidence, Cooperation, Creativity	**Central Idea:** People play different roles in communities to which they belong. **Lines of Inquiry:** • The interconnectedness between people and their communities. • Rights and responsibilities within a group. • Goods and services needed to support a community. **Key Concepts:** Connection, Responsibility, Function **Related Concepts:** Groups, Mapping **Learner Profile:** Principled, Open-minded, Caring	**Central Idea:** Plants and animals respond to different stimuli in various ways. **Lines of Inquiry:** • Similarities and differences between plants and animals. • How plants and animals meet their needs. • How seasons affect plants and animals. **Key Concepts:** Form, Function, Change **Related Concepts:** Needs, Survival, Adaptation **Learner Profile:** Inquirer, Thinker, Risk-taker **Attitudes:**	**Central Idea:** Family histories provide an insight into cultural and personal identity. **Lines of Inquiry:** • Family ancestry. • Each family is unique in its own way. • Similarities and differences between generations within a family. **Key Concepts:** Form, Perspective, Change **Related Concepts:** Chronology, History, Tradition **Learner Profile:** Knowledgeable, Communicators, Inquirers	**Central Idea:** People's actions can affect the environment. **Lines of Inquiry:** • How plants and animals share natural resources. • Where waste ends up. • Actions that benefit or harm the environment. **Key Concepts:** Connection, Causation, Responsibility **Related Concepts:** Environment, Reduce, Reuse, Recycle **Learner Profile:** Thinkers, Caring, Reflective **Attitudes:**

	Subject Focus: Language, Science, Mathematics, PSPE	**Subject Focus:** Language, Visual Arts, Mathematics, Music	**Attitudes:** Integrity, Respect, Tolerance **Subject Focus:** Language, Social Studies, PSPE	Curiosity, Enthusiasm, Cooperation **Subject Focus:** Language, Science, Mathematics	**Attitudes:** Respect, Curiosity, Independence **Subject Focus:** Language, Social Studies, Mathematics	Appreciation, Commitment, Empathy **Subject Focus:** Language, Science, Visual Arts, PSPE
Grade 2	**Central Idea:** Humans and animals change as they grow. **Lines of Inquiry:** • Physical changes. • Emotional changes. • Nature versus nurture. **Key Concepts:** Change, Connection, Perspective **Related Concepts:** Growth, Cycles **Learner Profile:** Knowledgeable, Open-minded, Balanced **Attitudes:** Empathy, Independence, Confidence **Subject Focus:** Language, Science, PSPE	**Central Idea:** Expression of culture can be represented through the arts. **Lines of Inquiry:** • Different forms of art. • Traditional art forms in a culture. • Stories that the arts tell. **Key Concepts:** Perspective, Change, Reflection **Related Concepts:** Arts, Culture, Tradition **Learner Profile:** Caring, Thinkers, Open-minded **Attitudes:** Appreciation, Curiosity, Commitment **Subject Focus:** Language, Visual Arts, Mandarin, Music	**Central Idea:** In a workplace people share responsibility towards a common purpose. **Lines of Inquiry:** • Purpose of a workplace. • Interconnectedness of people in a workplace. • Importance of a shared vision or common purpose. **Key Concepts:** Form, Connection, Reflection **Related Concepts:** Work, Relationships **Learner Profile:** Principled, Risk-taking, Thinkers **Attitudes:** Integrity, Enthusiasm, Cooperation	**Central Idea:** Inventions alter the way in which we interact with the world. **Lines of Inquiry:** • The purpose of inventing. • Inventions that have changed the world. • The impact of inventions. **Key Concepts:** Form, Change, Causation **Related Concepts:** Invention, Time **Learner Profile:** Communicators, Risk-takers, Reflective **Attitudes:** Curiosity, Creativity, Confidence **Subject Focus:** Language, Science, Visual Arts	**Central Idea:** Learning about changes from the past can help us make connections to the present. **Lines of Inquiry:** • Decision-making practices. • The decisions we make have an impact. • Motivations for change. **Key Concepts:** Function, Reflection, Perspective **Related Concepts:** Decision-making, Impact **Learner Profile:** Caring, Balanced, Principled **Attitudes:** Cooperation, Respect, Tolerance **Subject Focus:** Language, Social Studies	**Central Idea:** Water is essential to life and is a limited resource for many people. **Lines of Inquiry:** • Sources of water and how water is used. • What happens to water after we have used it. • Responsibilities regarding water. **Key Concepts:** Function, Causation, Responsibility **Related Concepts:** Cycles, Systems, Pollution **Learner Profile:** Inquirers, Knowledgeable, Reflective **Attitudes:** Respect, Commitment, Independence

			Subject Focus: Language, Social Studies, Mathematics			**Subject Focus:** Language, Science, Social Studies, PSPE
Grade 3	**Central Idea:** Diversity of culture is reflected in community. **Lines of Inquiry:** • People express their culture in a variety of ways. • Cultures have similarities, as well as, differences. • How showing respect helps to create positive relationships. **Key Concepts:** Perspective, Connection, Responsibility **Related Concepts:** Culture, Expression **Learner Profile:** Open-minded, Caring, Principled **Attitudes:** Appreciation, Respect, Tolerance **Subject Focus:**	**Central Idea:** People can use poetry as a way to express themselves. **Lines of Inquiry:** • The structures of poems. • The feelings that are provoked by poetry. • How writing poetry can help to better understand ourselves. **Key Concepts:** Form, Connection, Reflection **Related Concepts:** Pattern, Relationships, Interpretation **Learner Profile:** Communicators, Balanced, Reflective **Attitudes:** Creativity, Enthusiasm, Independence **Subject Focus:**	**Central Idea:** The design of buildings and structures is dependent upon the environment and available materials. **Lines of Inquiry:** • Considerations to take into account when building a structure. • The relationship between building and its environment. • Indigenous architecture. **Key Concepts:** Function, Causation, Perspective **Related Concepts:** Planning, Materials, Impact **Learner Profile:** Knowledgeable, Caring, Principled **Attitudes:**	**Central Idea:** Invisible forces pose challenges and benefits for society. **Lines of Inquiry:** • Attraction and repulsion. • Similarities and differences between invisible forces. • The use of invisible forces in technology. **Key Concepts:** Function, Causation, Perspective **Related Concepts:** Magnets, Electricity, Interaction, Forces **Learner Profile:** Inquirers, Risk-takers, Reflective **Attitudes:** Confidence, Curiosity, Enthusiasm **Subject Focus:** Language, Science	**Central Idea:** All citizens are entitled to rights and responsibilities that must be upheld. **Lines of Inquiry:** • Place and time determine the rights and responsibilities of people. • How active citizens can overcome social injustices. • How people are affected when their rights are withheld. **Key Concepts:** Causation, Change, Perspective **Related Concepts:** Diversity, Rights, Identity **Learner Profile:** Knowledgeable, Thinkers, Risk-Takers **Attitudes:**	**Central Idea:** Ecosystems have important relationships that sustain life. **Lines of Inquiry:** • What plants need to grow and survive. • How an ecosystem is sustained. • How plants adapt when their needs are not met. **Key Concepts:** Form, Function, Change **Related Concepts:** Plants, Sustainability, Adaptation **Learner Profile:** Inquirer, Thinkers, Balanced **Attitudes:** Commitment, Curiosity, Independence **Subject Focus:** Language, Science, Mathematics

	Language, Social Studies, PSPE	Language, Visual Arts,	Appreciation, Commitment, Respect **Subject Focus:** Language, Visual Arts, Social Studies, PSPE		Empathy, Cooperation, Integrity **Subject Focus:** Language, Mathematics, Social Studies, PSPE	
Grade 4	**Central Idea:** Beliefs and values shape our identities. **Lines of Inquiry:** • The variety of beliefs and values. • How values impact identity. • Values and beliefs that change over time. **Key Concepts:** Form, Reflection, Perspective **Related Concepts:** Beliefs, Values, Identity **Learner Profile:** Balanced, Open-minded, Reflective **Attitudes:** Empathy, Respect, Tolerance **Subject Focus:** Language, PSPE	**Central Idea:** People show appreciation for the natural world in various ways. **Lines of Inquiry:** • The various ways that cultures celebrate nature. • Connections between individuals and cultures. • Nature inspires creative expression. **Key Concepts:** Perspective, Connection, Change **Related Concepts:** Habitats, Expression **Learner Profile:** Communicators, Reflective, Risk-takers **Attitudes:** Appreciation, Independence, Integrity **Subject Focus:**	**Central Idea:** Human migration is a response to challenges, risks, and opportunities. **Lines of Inquiry:** • The reasons why people migrate. • Human response to physical and political landscapes. • Effects of migration on communities, cultures and individuals. **Key Concepts:** Causation, Connection, Perspective **Related Concepts:** Immigration, Emigration, Disasters **Learner Profile:** Caring, Open-minded, Inquirers **Attitudes:** Confidence, Cooperation, Empathy	**Central Idea:** Humans use energy to serve various needs. **Lines of Inquiry:** • How energy is measured. • How energy is manipulated. • Practical applications of energy forms. **Key Concepts:** Form, Change, Connection **Related Concepts:** Energy, Manipulation **Learner Profile:** Knowledgeable, Thinkers, Communicators. **Attitudes:** Cooperation, Creativity, Curiosity **Subject Focus:**	**Central Idea:** Exploration leads to discoveries and new understandings. **Lines of Inquiry:** • Types of exploration. • Motivations for exploration. • Impact of exploration. **Key Concepts:** Causation, Connection, Reflection **Related Concepts:** Exploration, Discovery, Innovation **Learner Profile:** Inquirers, Communicators, Risk-takers **Attitudes:** Cooperation, Curiosity, Enthusiasm **Subject Focus:** Language, PSPE, Social Studies, Visual Arts	**Central Idea:** People's use of natural resources impact the environment. **Lines of Inquiry:** • Finite and infinite resources. • Environmental impact and sustainability. • Local and global responsibility. **Key Concepts:** Function, Causation, Responsibility **Related Concepts:** Impact, Dependence, Pollution, Sustainability **Learner Profile:** Thinkers, Caring, Principled **Attitudes:** Commitment, Independence, Respect **Subject Focus:**

		Language, Visual Arts, Science, Social Studies	**Subject Focus:** Language, Mathematics, Social Studies	Language, PSPE, Music, Visual Arts, Science, Mathematics		Language, PSPE, Science, Social Studies
Grade 5	**Central Idea:** Understanding human body systems help us to make healthier choices. **Lines of Inquiry:** • What the human body systems are. • What the human body systems do. • How our understanding of body systems affects our health and lifestyle choices. **Key Concepts:** Form, Function, Responsibility **Related Concepts:** Health, Lifestyle, Systems **Learner Profile:** Risk-Takers, Balanced, Reflective **Attitudes:** Commitment, Confidence, Enthusiasm **Subject Focus:**	**Central Idea:** PYP Exhibition **Lines of Inquiry:** • Student generated **Subject Focus:** Language, Mathematics, Visual Arts, Music, Science, Social Studies, PSPE, IT	**Central Idea:** Government systems and decision-making practices impact the community. **Lines of Inquiry:** • What makes up a society. • Different types of governing systems and decision-making practices. • How governing systems and decision-making practices affect people. **Key Concepts:** Form, Function, Causation **Related Concepts:** Society, Hierarchy, Decision-making **Learner Profile:** Knowledgeable, Reflective, Principled **Attitudes:** Cooperation, Empathy, Integrity	**Central Idea:** Scientific and technological advances impact our quality of life. **Lines of Inquiry:** • The causes of weather. • How weather affects people and the environment. • The instruments that have been invented to help us measure, predict or control weather. **Key Concepts:** Causation, Connection, Change **Related Concepts:** Weather, Climate, Technology **Learner Profile:** Knowledgeable, Thinkers, Communicators **Attitudes:** Appreciation, Creativity, Respect	**Central Idea:** Past civilizations shape present day systems and technologies. **Lines of Inquiry:** • How we find out about the past. • Aspects of past civilizations that have survived and how they have been adapted for modern societies. • Implications for the future. **Key Concepts:** Form, Change`, Reflection **Related Concepts:** Investigation, Evolution, Culture **Learner Profile:** Inquirers, Knowledgeable, Open-minded **Attitudes:** Curiosity, Respect, Tolerance	**Central Idea:** Conflict resolution requires the use of many different strategies. **Lines of Inquiry:** • The causes of conflict. • How individuals, societies, and the environment are interconnected. • How our actions affect the planet and its inhabitants. **Key Concepts:** Causation, Connection, Reflection **Related Concepts:** Conflict, Peace **Learner Profile:** Risk-takers, Caring, Principled **Attitudes:** Commitment, Empathy, Integrity **Subject Focus:**

	Language, PSPE, Science, Mathematics, Visual Arts		**Subject Focus:** Language, PSPE, Social Studies	**Subject Focus:** Language, Science, Mathematics	**Subject Focus:** Language, Social Studies, Science	Language, PSPE, Social Studies, Visual Arts