

UDIS Programme of Inquiry 2016/2017

Age	An inquiry into: Who we are	An inquiry into: Where we are in place and time	An inquiry into: How we express ourselves	An inquiry into: How the world works	An inquiry into: How we organise ourselves	An inquiry into: 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
3-4 K1	<p><u>Who We Are:</u> Family relationships contribute to shaping our identity.</p> <p><u>Key Concepts:</u> Form, Responsibility, Reflection</p> <p><u>Related Concepts:</u> Similarities and differences, belonging, and roles</p> <p><u>Lines of Inquiry:</u></p>		<p><u>How we express ourselves</u> Through play we express our feelings and ideas and come to new understandings.</p> <p><u>Key concepts:</u> function, connection, perspective</p> <p><u>Related concepts:</u> imagination, creativity, communication</p> <p><u>Lines of inquiry</u></p>	<p><u>How the World Works</u> The Earth's natural cycles influence the activity of living things</p> <p><u>Key Concepts:</u> Causation, Change, Connection</p> <p><u>Related Concepts:</u> Cycles, Interaction, Patterns</p> <p><u>Lines of Inquiry:</u></p>	<p><u>How we Organise Ourselves</u> People play different roles in the communities to which they belong</p> <p><u>Key Concepts:</u> Form, Function, Responsibility</p> <p><u>Related Concepts:</u> Community, Rules, Interaction</p>	

	<ul style="list-style-type: none"> • Diversity of families • Responsibilities within the family • How families influence who we become 		<ul style="list-style-type: none"> • Communicating through play • Imaginative use of materials • The role of toys in play 	<ul style="list-style-type: none"> • Natural cycles (I.e night and day, weather patterns, seasons) • The actions people take in response to Earth's natural cycles • Patterns of behaviour in living things related to Earth's natural cycles 	<p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Various communities we belong to • Roles of people who are part of our communities • How communities are organized 	
4 -5 K2	<p>Who we are: People's relationships with each other can have an impact on well-being</p> <p>Key Concepts: Function, Connection, Responsibility</p> <p>Related Concepts: Cooperation, Friendship, Balance</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • How we develop relationships • How relationships affect us • Roles and behaviours within relationships 			<p>How the World Works: Materials behave and interact in certain ways, which determine how people use them</p> <p>Key Concepts: Function, Causation, Change</p> <p>Related Concepts: Behaviour, Prediction, Innovation</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Behaviour of materials • Changing properties of materials • Manipulation and application of materials to new purposes 	<p>How We Organize Ourselves: Many products go through a process of change before they are consumed or used</p> <p>Key Concepts: Change, Connection, Responsibility</p> <p>Related Concepts: Components, Process, Choice</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Origins of products • Changes products go through • Distribution of products • How people select the products they use 	<p>Sharing the Planet: Plants sustain life on Earth and play a role in our lives</p> <p>Key Concepts: Causation, Perspective, Responsibility</p> <p>Related Concepts: Interdependence, Appreciation</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Caring for plants • Products we derive from plants • How plants contribute to life on Earth
5-6 Y1	<p>Who We Are: Awareness of our Characteristics, abilities and interests informs our learning and development</p> <p>Key Concepts: Form, Perspective, Reflection</p>	<p>Where We Are in Place and Time: Home reflect cultural influences and local conditions</p> <p>Key Concepts: Form, Connection, Perspective</p>	<p>How We Express Ourselves: Celebrations and traditions are expressions of shared beliefs and values</p> <p>Key Concepts: Form, Connection,</p>	<p>How the world works: All living things go through a process of change.</p> <p>Key concepts: causation, change, connection</p> <p>Related concepts: cycles, transformation,</p>	<p>How We Organise Ourselves: Communities make efforts to create transportation systems that meet their needs</p> <p>Key Concepts: Form, Function, Change</p>	<p>Sharing the planet: People interact with, use and value local environments in different ways</p> <p>Key concepts: Causation, Perspective, Responsibility</p> <p>Related concepts:</p>

	<p>Related Concepts: Identity, similarities and differences</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Physical, Social and emotional characteristics Similarities and differences between ourselves and others Personal abilities and interests 	<p>Related Concepts: Culture, Needs, Ownership, Locality</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> What constitutes a home How homes reflect local culture Factors that determine where people live 	<p>Perspective</p> <p>Related Concepts: Culture, needs, ownership, locality</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Why people celebrate Features of traditions and celebrations Symbolic representations of celebrations and traditions What meaning people assign to celebrations and traditions 	<p>similarities and differences</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Patterns of growth How living things change over their lifetime Factors that can influence life cycles 	<p>Related Concepts: Network, Technology, Sustainability</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Features of transportation systems Decisions involved in using transportation How systems of transportation respond to changing needs 	<p>Conservation, Perspective, Responsibility</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Natural and human made elements of local environments How local environments addresses people's needs How natural spaces are valued in local environments
6-8 Y2/Y3	<p>Who we are: The choices people make affect their health and well-being</p> <p>Key Concepts: Causation, Responsibility, Reflection</p> <p>Related Concepts: Choice, Influence, Balance</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> What is means to have a balanced lifestyle How the choices we make affect our health Different sources of information that help us make choices 	<p>Where We are in Place and Time: The Earth's physical geography has an impact on human interactions and settlements</p> <p>Key Concepts: Form, Causation, Connection</p> <p>Related Concepts: Geography, Settlement, Modification</p> <p>Lines of Inquiry</p> <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 	<p>How We Express Ourselves: Images communicate ideas and information</p> <p>Key Concepts: Function, Connection, Perspective</p> <p>Related Concepts: Creativity, Communication, Imagery</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> The use of static and moving images in different media How design elements of images support communication How we interpret and respond to images 	<p>How The World Works: People apply their understanding of forces and energy to invent and create</p> <p>Key Concepts: Form, Function, Causation</p> <p>Related Concepts: Ingenuity, Technology, Energy, Forces</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Inventions that impact people's lives How circumstances lead to the creation of important inventions How understanding forces and energy helps inventors 	<p>How We Organize Ourselves: People create organizations to solve problems and support human endeavor and enterprise</p> <p>Key Concepts: Function, Connection, Responsibility</p> <p>Related Concepts: Work, Collaboration, Entrepreneurship, Service</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Purpose of Organizations Why people join organizations Strategies for problem solving within an organization What makes an 	<p>Sharing the Planet: When interacting with natural habitats, humans make choices that have an impact on other living things</p> <p>Key Concepts: Causation, Change, Responsibility</p> <p>Related Concepts: Habitat, Interdependence, Behavioral Adaptations, Diversity</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> Balance between rights and responsibilities when interacting with natural habitats Human impact on natural habitats How living things

		physical environment			organization successful	respond to changing environmental conditions
8-9 Y4	<p><u>Who We Are:</u> The effective interactions between human body systems contribute to health and survival Key Concepts: Function, Connection, Responsibility</p> <p>Related Concepts: Systems, Interdependence, Health, Homeostasis</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Body systems and how they work • How body systems are interdependent • Impact of lifestyle choices on the body 	<p><u>Where We are in Place and Time:</u> A community's response to significant events provides an insight into the history and values of that community Key Concepts: Causation, Perspective, Responsibility</p> <p>Related Concepts: Impact, Bias, Evidence, Truth</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • The ways in which significant events may be recognized, locally and/or globally • How a significant event has an impact on a community • Why viewpoints differ about significant events 	<p><u>How We Express Ourselves:</u> People can create or manipulate messages to target specific audiences Key Concepts: Function, Perspective, Reflection</p> <p>Related Concepts: Media, Advertising, Propaganda</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • How images, text and music are used to influence behavior of target audiences • Critical evaluation of messages presented in the media • How people respond to messages 	<p><u>How the World Works:</u> Changes in the Earth and its atmosphere have impacts on the way people live their lives Key Concepts: Causation, Change, Connection</p> <p>Related Concepts: Geology, Adaptation, Weather, Energy</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • How the different components of the Earth are interrelated • Why the Earth has changed and is continuing to change • Human response to the Earth's changes 	<p><u>How We Organize Ourselves:</u> Signs and symbols are part of human-made systems that facilitate local and global communication Key Concepts: Form, Function, Connection</p> <p>Related Concepts: Culture, Media, Pattern, Access</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Iconology • How visual language facilitates communication • Specialized systems of communication 	<p><u>Sharing the Planet:</u> Distribution of wealth affects communities and individuals' access to equal opportunities Key Concepts: Form, Causation, Connection</p> <p>Related Concepts: Wealth, Power, Access</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Relationship between wealth and power • The impact of the distribution of wealth on communities and individuals • Equitable access to resources and opportunities
9-11 Y5/Y6	<p><u>Who we are:</u> Changes people experience at different stages of their lives affect their evolving sense of self Key Concepts: Function, Change, Responsibility</p> <p>Related Concepts: Maturity, Image,</p>	<p><u>Where We are in Place and Time:</u> Evidence of Past civilizations can be used to make connections to present-day societies Key Concepts: Form, Change, Connection</p> <p>Related Concepts:</p>	<p><u>How We Express Ourselves:</u> Creating and responding to art develops understanding of ourselves and the world around us Key Concepts: Function, Perspective, Reflection</p> <p>Related Concepts:</p>	<p><u>How the World Works:</u> Natural materials can undergo changes that may provide challenges and benefits for society and the environment Key Concepts: Function, Change, Responsibility</p>	<p><u>How We Organize Ourselves:</u> Economic activity relies on systems of production, exchange and consumption of goods and services Key Concepts: Function, Connection, Responsibility</p> <p>Related Concepts:</p>	<p><u>Sharing the Planet:</u> Reaching a resolution during periods or moments of conflict is influenced by the actions and reactions of all involved Key Concepts: Causation, Perspective, Responsibility</p> <p>Related Concepts:</p>

	<p>Wellbeing, Reproduction</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • The physical, social, emotional and intellectual changes that occur throughout life • Factors that contribute to well-being during adolescence • How relationships contribute to our self concept 	<p>Continuity, Progress, Difference, Validity</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Characteristics of civilizations and societies • Connection between past and present • Implications for the future • Processes involved in collecting, analysing and validating evidence 	<p>Creativity, Perception, Bias/Interpretation</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • How arts can be a reflection of societal values and issues • The contexts in which artworks were created • How learning about arts develops appreciation • Personal preference in appreciation of arts 	<p>Related Concepts: Sustainability, Transformation, Industrialization</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Conditions that cause reversible and irreversible changes in materials • How societies take advantage of the property of materials • The impact of retrieval, production and the use of materials on the environment 	<p>Interdependence, Inequity, Fair Trade</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • The role of supply and demand • The distribution of goods and services • Our responsibility as consumers 	<p>Peace, Reconciliation, Exploitation, Grief</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Cause of conflict (local and global) • Human rights and equity • Strategies used to resolve conflict • Consequences of resolutions
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