



## Grade 1 Transdisciplinary Overview 2020-2021

	Who We Are	How We Express Ourselves	Where We Are in Place and Time	How the World Works	Sharing the Planet	How We Organize Ourselves
Transdisciplinary Theme	An inquiry into the nature of the self; beliefs and values; <b>personal, physical, mental, social and spiritual health; human relationships including families, friends, communities, and cultures; rights and responsibilities</b> ; what it means to be human.	An inquiry into the ways in which we <b>discover and express ideas, feelings</b> ; nature, culture, beliefs and values; <b>the ways in which we reflect on, extend and enjoy our creativity</b> ; our appreciation of the aesthetic.	<b>An inquiry into orientation in place and time</b> ; 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 natural world and its laws; <b>the interaction between the natural world (physical and biological) and human societies</b> ; how humans use their understanding of scientific principles; <b>the impact of scientific and technological advances on society and on the environment</b> .	<b>An inquiry into rights and responsibilities</b> in the struggle to share finite resources with other people and <b>with other living things</b> ; communities and the relationships within and between them; access to equal opportunities; peace and conflict resolution.	An inquiry into the interconnectedness of human-made systems and communities; the structure and function of organizations; <b>societal decision-making; economic activities and their impact on humankind and the environment</b> .
Unit Title	Healthy Choices	Ideas and Feelings	Looking Back in Time	A Material World	Animals Endangered!	From Farm to Table
Central Idea	Choices we make affect ourselves and others.	Our personal ideas and feelings are influenced and expressed in different ways.	By looking back in time we can find out how the past still influences our lives today.	Objects are made from different materials for a reason.	Humans impact the lives of animals on earth	The journey of food production is a process involving many stages.
Lines of Inquiry & Key Concepts	<ol style="list-style-type: none"> <li>Developing healthy habits (<b>Form</b>)</li> <li>Our choices affect our body (<b>Causation</b>)</li> <li>Our behaviour affects others' wellbeing (<b>Responsibility</b>)</li> </ol>	<ol style="list-style-type: none"> <li>Personal ideas and feelings (<b>Perspective</b>)</li> <li>Social expectations and shared understandings (<b>Causation</b>)</li> <li>Different ways of expressing yourself (<b>Connection</b>)</li> </ol>	<ol style="list-style-type: none"> <li>Ways to find out about the past (<b>Function</b>)</li> <li>The influence of aspects of the past on today's lives (<b>Connection</b>)</li> <li>Technology over time (<b>Change</b>)</li> </ol>	<ol style="list-style-type: none"> <li>The sources of various materials (<b>Connection</b>)</li> <li>The properties of materials (<b>Form</b>)</li> <li>The uses of materials (<b>Function</b>)</li> </ol>	<ol style="list-style-type: none"> <li>Classifying animals by species and habitats (<b>Form</b>)</li> <li>The reasons why some animals are in danger (<b>Causation</b>)</li> <li>Our role in the conservation and protection of animals (<b>Responsibility</b>)</li> </ol>	<ol style="list-style-type: none"> <li>The origins of food (<b>Connection</b>)</li> <li>The processes of food production (<b>Change</b>)</li> <li>The need for packaging in food production (<b>Perspective</b>)</li> </ol>
Strands and Related Concepts	<b>Living Things:</b> Biology <b>Identity:</b> Diversity <b>Active Living:</b> Body form, Spatial awareness <b>Other:</b> Balance, Consequence, Behaviour, Common good, Interaction	<b>Identity</b> <b>Other:</b> Consequences, Pattern, Impact Subjectivity, Beliefs, Values, Opinion	<b>Living Things:</b> Adaptation <b>Social Organization and Culture:</b> Diversity, Family, Identity, Traditions <b>Continuity and Change Through Time:</b> History, Continuity, Heritage <b>Other:</b> Technology	<b>Materials and Matter:</b> Properties and uses of materials, Changes of state, Chemical and physical changes, Sustainability <b>Earth and Space:</b> Resources <b>Other:</b> Technology	<b>Living Things:</b> Animals, Classification, Conservation, Habitat, Interdependence <b>Human and Natural Environments:</b> Geography, Impact, Landscape <b>Resources and the Environment:</b> Conservation, Pollution	<b>Living Things:</b> Growth, Plants. <b>Forces and Energy:</b> Forces of energy (heat), Efficiency <b>Human Systems and Economic Activities:</b> Cooperation, Employment, Production <b>Resources and the Environment:</b> Consumption
ATLs (Approaches to Learning)	<b>Self-management:</b> Spatial awareness, Healthy lifestyle, Safety <b>Social:</b> Accepting responsibility, Respecting others <b>Communication:</b> Listening <b>Thinking:</b> Metacognition	<b>Thinking:</b> Acquisition of knowledge <b>Social:</b> Resolving conflict, Cooperating <b>Communication:</b> Nonverbal communication, Writing	<b>Thinking:</b> Comprehension <b>Self-management:</b> Organization, Time management <b>Research Skills:</b> Formulating questions, Observing, Collecting, Recording data <b>Communication:</b> Reading, Presenting	<b>Thinking:</b> Application, Analysis, Synthesis <b>Research:</b> Organizing, Interpreting data, Planning and presenting research findings <b>Communication:</b> Speaking	<b>Social:</b> Group making decisions, Adapting a variety of roles <b>Self-management:</b> Gross and fine motor skills, Spatial awareness, Safety <b>Communication:</b> Writing	<b>Thinking:</b> Evaluation, Dialectical thought <b>Self-management:</b> Codes of behaviour, Informed choices <b>Communication:</b> Viewing
Learner Profile Attributes (Sub)	Balanced, Caring (Independence, Respect)	Open-minded, Principled, Risk-takers (Appreciation, Confidence, Tolerance)	Communicators, Inquirers (Cooperation, Enthusiasm)	Inquirers, Thinkers (Commitment, Curiosity)	Caring, Principled. (Creativity, Empathy Integrity)	Balanced, Knowledgeable, Reflective (Cooperation, Respect)



## Grade 2 Transdisciplinary Overview 2020-2021

	Who We Are	Sharing the Planet	How the World Works	How We Express Ourselves	Where We Are in Place and Time	How We Organize Ourselves
Transdisciplinary Theme	An inquiry into the nature of the self; beliefs and values; personal, physical, mental, social and spiritual health; <b>human relationships including families, friends, communities, and cultures; rights and responsibilities</b> ; what it means to be human.	An inquiry into rights and responsibilities in the struggle to <b>share finite resources with other people and with other living things</b> ; communities and the relationships within and between them; access to equal opportunities; peace and conflict resolution.	An inquiry into the natural world and its laws; the interaction between the natural world (physical and biological) and human societies; <b>how humans use their understanding of scientific principles; the impact of scientific and technological advances on society and on the environment.</b>	An inquiry into the ways in which we <b>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.</b>	An inquiry into orientation in place and time; <b>personal histories; homes and journeys; the discoveries, explorations and migrations of humankind</b> ; the relationships between and the interconnectedness of individuals and civilizations, from local and global perspectives.	An inquiry into the <b>interconnectedness of human-made systems and communities</b> ; the structure and function of organizations; societal decision-making; <b>economic activities</b> and their impact on humankind and the environment.
Unit Title	Together is Better	Earth's Resources	Light and Sound	The Arts	My Country, Your Country, Our Country	Magnificent Money
Central Idea	Community members depend on each other.	Earth's limited natural resources are shared by all living things.	Light and sound have many sources, properties and uses.	The Arts are a valuable way to appreciate people, nature and show creativity.	All countries, cultures and people share similarities and differences.	Money is a human made system used to exchange products and services.
Lines of Inquiry & Key Concepts	<ol style="list-style-type: none"> <li>The roles and responsibilities that people have (<b>Responsibility</b>)</li> <li>Cooperation in everyday life (<b>Connection</b>)</li> <li>How we can build a strong community (<b>Function</b>)</li> </ol>	<ol style="list-style-type: none"> <li>Increased demand for natural resources by societies (<b>Change</b>)</li> <li>Natural resources are limited and need to be used wisely (<b>Responsibility</b>)</li> <li>Resource availability is affected by natural and human factors (<b>Causation</b>)</li> </ol>	<ol style="list-style-type: none"> <li>Properties of light and sound (<b>Form</b>)</li> <li>How people investigate scientific questions (<b>Function</b>)</li> <li>The importance of light and sound (<b>Responsibility</b>)</li> </ol>	<ol style="list-style-type: none"> <li>People connect through the Arts (<b>Connection</b>)</li> <li>Different ways to interpret and appreciate artistic skills and talents. (<b>Perspective</b>)</li> <li>How imagination opens our minds to creativity (<b>Change</b>)</li> </ol>	<ol style="list-style-type: none"> <li>The special features of our home country (<b>Form</b>)</li> <li>The different aspects of 'culture' (<b>Connection</b>)</li> <li>Similarities and differences between different cultures and countries (<b>Perspective</b>)</li> </ol>	<ol style="list-style-type: none"> <li>The origins of bartering and money (<b>Causation</b>)</li> <li>How money works (<b>Function</b>)</li> <li>Changes in currency over time (<b>Change</b>)</li> </ol>
Strands and Related Concepts	<b>Social Organization and Culture:</b> Roles, Cooperation, Communication, Authority <b>Other:</b> Initiative, Leadership, Opinion, Prejudice, Networks	<b>Living Things:</b> Adaptation, Conservation, Growth <b>Earth and Space:</b> Geography, Resources, Sustainability <b>Resources and the Environment:</b> Conservation, Consumption, Ecology, Interdependence, Pollution	<b>Materials and Matter:</b> Properties and uses of materials <b>Forces and Energy:</b> Forms of electricity <b>Other:</b> Advances, Conduction, Technology	<b>Human Systems and Economic Activities:</b> Cooperation, Production, Employment <b>Other:</b> Imagination	<b>Social Organization &amp; Culture:</b> Customs, Diversity, Identity, Networks, Religion, Roles, Traditions <b>Human and Natural Environments:</b> Geography, Landscapes <b>Other:</b> Beliefs, Differences, Similarities, Migration, Immigration	<b>Human Systems and Economic Activities:</b> Cooperation, Consumption, Production, Employment <b>Other:</b> Barter, Economy, Equality, Markets, Needs, Wants, Supply, Demand, Trade, Poverty, Wealth
ATLs (Approaches to Learning)	<b>Self-management:</b> Organization, Time management <b>Social:</b> Respecting Others, Supporting others, Resolving conflict	<b>Thinking:</b> Acquisition of knowledge <b>Social:</b> Resolving conflict, Cooperating <b>Communication:</b> Nonverbal communication, Writing	<b>Research:</b> Gathering and recording, Synthesizing and interpreting, Evaluating and communicating <b>Social:</b> Resolving conflict, Social intelligence <b>Communication:</b> Speaking	<b>Self-Management:</b> Mindfulness, Resilience <b>Thinking:</b> Reflection, Application, Forming decisions	<b>Social:</b> Respecting others, Social intelligence <b>Thinking:</b> Analysis, Evaluation <b>Research:</b> Synthesizing and interpreting, Evaluating and communicating	<b>Thinking:</b> Generating novel ideas, Application in multiple concepts, Forming decisions <b>Self-management:</b> Time management, Managing self, Goal setting <b>Communication:</b> Media representation, Infernal choices
Learner Profile Attributes (Sub)	Balanced, Principled, Reflective ( <i>Commitment, Cooperation</i> )	Caring, Inquirers ( <i>Appreciation, Respect</i> )	Inquirers, Knowledgeable ( <i>Curiosity, Independence</i> )	Communicators, Open-minded, Risk-takers ( <i>Appreciation, Creativity, Enthusiasm</i> )	Open-minded, Reflective. ( <i>Empathy, Tolerance</i> )	Communicators, Thinkers ( <i>Confidence, Curiosity, Integrity</i> )