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NURSERY	UNIT 1	UNIT 2	UNIT 3	UNIT 4		
Concept Title	Movements	Family	Animals	Talents		
ransdisciplinary Theme	Who We Are	How We Organize Ourselves	Sharing the Planet	How We Express Ourselves		
TT Descriptor	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 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 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.	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.		
entral Idea	Moving the body in different ways can help us to stay healthy.	Family members can do things to make each other feel loved.	People and animals depend on each other for their needs.	The skills and talents we develop make us unique.		
ines of Inquiry	Parts of the body How the body moves Caring for the body	Members of a family Roles of family members How members inteact with each other	Animals and their habitat How humans and animals help each other Caring for animals	Skills and talents Impact of practice on skills and talents Ways to develop skills and talents		
ey Concepts	Form, Change, Responsibility	Form, Function, Connection	Form, Connection, Responsibility	Form, Causation, Perspective		
elated Concepts	Space, Position, Effort	Development, Behavior, Structure	Identity, Interdependence, Needs	Identity, Expression, Behavior, Creativity		
earner Profile	Balanced, Principled, Caring	Caring, Communicator, Open-minded	Inquirer, Thinker, Knowledgeable	Communicator, Risk-taker, Principled		
JUNIOR KINDER	UNIT 1	UNIT 2	UNIT 3	UNIT 4		
Concept Title	Friendship	Stories	Plants	Simple Machines		
Transdisciplinary Theme	Who We Are	How We Express Ourselves	Sharing the Planet	How the World Works		
			onaring are realist	An inquiry into the natural world and it's laws; the interaction		
TT Descriptor	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 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.	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.		
Central Idea	Friendships are formed through play.	Stories help express ideas, feelings and experiences.	Plants sustain life on Earth and play a role in our lives.	Force produces movements that are useful in our daily lives.		
Lines of Inquiry	What is friendship How play connects us with others	Elements of the story How stories connect us to feelings and emotions	Caring for plants Products we get from plants	Types of forces How force and motion affect each other		
	Our roles being a friend during play	3. Ways stories can be shared	How plants help give life on Earth	Uses of force in our daily lives Form, Connection, Function		
Key Concepts Related Concepts	Form, Function, Responsibility Choice, Conflict, Behavior, Compromise, Appreciation, Love	Form, Connection, Perspective Creativity, Feelings, Communication	Responsibility, Change, Function Resources (products), Needs, Balance	Motion, Energy, Speed		
Learner Profile	Language Principled, Thinker, Caring	Thinker, Communicator, Knowledgeable	Risk Taker, Balanced, Caring	Inquirer, Thinker, Knowledgeable		
	1 7 7 7	, , ,	prontrator, business, burng			
KINDER	UNIT 1	UNIT 2	UNIT 3	UNIT 4		
Concept Title	Physical Health	Uses Of Materials	Community	Conservation		
Fransdisciplinary Theme	Who We Are	How We Express Ourselves	How We Organize Ourselves	Sharing the Planet		
TT Descriptor	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 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	Humans have responsibility to take care of their physical health.	Materials can be used to express creativity.	Community can work together to help each other.	People's actions have a direct effect on the conservation of the Earth's natural resources.		
Lines of Inquiry	Characteristics of human beings (form) The impact of our choices on our body (causation) Ways of taking care of our body (responsibility)	Characteristics of materials (form) How to use materials for expression (function) Changes that happen to materials (change) Meaning put in an art (perspective)	People in a community (form) Roles of people in a community (function) Relation of people and community (connection)	Earth's natural resources (form) People's actions affect the resources (causation) Personal choices that can conserve the earth (responsibility)		
Key Concepts	Form, Causation, Responsibility	Form, Function, Change, Perspective	Form, Function, Connection	Form, Causation, Responsibility		
Related Concepts	Needs, Choice, Lifestyle	Matter, Properties, Transformation	Diversity, Roles, Relationship	Natural Resources, Cause and Effect, Sustainability		
Learner Profile	Balanced, Caring, Knowledgeable	Inquirer, Thinker, Risk-taker	Open-minded, Inquirer, Communicator	Caring, Risk-taker, Principled		
GRADE 1	UNIT 1	UNIT 2	UNIT 3	UNIT 4	UNIT 5	UNIT 6
Concept Title	Physical and Virtual Spaces	SENSE OF SELF/ASPECTS OF SELF	Matter	HOW WE EXPRESS OURSELVES	WHERE WE ARE IN PLACE AND TIME	Local Environment
TT Descriptor	HOW WE ORGANIZE OURSELVES How we organize ourselves: an inquiry into the interconnectedness of human-made systems and communities the structure and function of organizations; societal decision-making; economic activities and their impact on humankind and the environment.	relationships including families, friends, communities, and	HOW THE WORLD WORKS An inquiry into the natural world and its laws, the interaction between the natural world (physical and biological) and human societies; how humans use their understanding of scientific principles; the impact of scientific and technological advances on society and on the environment.	Senses 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 orientation in place and time, personal histories; homes and journeys; the discoveries, explorations and migrations of humankind; the relationships between the inter connectedness of individuals and civilizations, from local and global perspectives.	SHARING THE PLANET An inquiry into rights and responsibilities in the struggle to share finite resources with other people and with other living things; communities and relationships within and between them; access to equal opportunities; peand conflict resolution.
	Physical and virtual public spaces provide people with				perspectives.	

TT		HOW WE ORGANIZE OURSELVES	WHO WE ARE	HOW THE WORLD WORKS	Senses	Inventions	SHARING THE PLANET
TT Desc		How we organize ourselves: an inquiry into the interconnectedness of human-made systems and communities; the structure and function of organizations, societal decision- making; economic activities and their impact on humankind and the environment.	An inquiry into the nature of the self; beliefs and values; personal, physical, mental, social and spiritual health; human retailorships including families, friends, communities, and cultures; rights and responsibilities; what it means to be human.	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 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 orientation in place and time, persona histories; homes and journeys; the discoveries, explorations and migrations of humankind; the relationships between the inter connectedness of individuals and citizations, 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.
Central	Idea	Physical and virtual public spaces provide people with opportunities to make connections and establish a sense of community	Culture shapes our identity	Understanding the way materials behave and react determines how people use them	Images communicate ideas and information	Inventions change the world.	People interact with, use and value local environments in different ways
Lines of	f Inquiry	Purpose of public spaces Characteristics of different public spaces How people use public spaces	My culture How different culture influence the way people behave Shared beliefs, values and culture that connect people	Properties of matter (form) Effect of size and mass on an object (function) How materials work for specific purposes (causation)	The use of static and moving images in different media How design elements of images support communication How we interpret and respond to images	The reasons for inventors inventing. The specific contributions of inventors in history. The ways in which inventors have shaped their society and future societies.	Natural and human-made elements of local environments How local environment addresses people's needs How natural spaces are valued in local environments
Key Cor	ncepts	Function Connection Responsibility	1. Form 2. Change 3. Connection	1. Form 2. Function 3. Causation	Function Connection Perspective	Causation Perspective Connection	Causation Perspective Responsibility
Related	Concepts	Community Environment Access Participation	Influence choice	Scientific Knowledge Role of Technology Scientific Understanding	Creativity Communication Imagery	time	community development urban and rural planning biodiversity conservation
Learner	Profile	Balanced Principled Caring	Open-mindedThinker	Inquirers Knowledgeable Communicators	Inquirers Knowledgeable Communicator	Inquirers Communicators Thinker	Inquirers Knowledgeable Communicators
GRADE		UNIT 1	UNIT 2	UNIT 3	UNIT 4	UNIT 5	UNIT 6
Concept	t Title	Structure of a Community	Celebrations	Characteristics of Plants and Animals + Basic Needs		Family	HOW THE WORLD WORKS

П	HOW WE ORGANIZE OURSELVES	HOW WE EXPRESS OURSELVES	SHARING THE PLANET	WHO WE ARE	WHERE WE ARE IN PACE AND TIME An inquiry into orientation in place and time.	HOW THE WORLD WORKS
	Inquiry into the interconnectedness of human-made	An inquiry into the ways in which we discover and	An inquiry into rights and responsibilities in the struggle to share	An inquiry into the nature of the self; beliefs and values;	personal histories: homes and journeys: the	An inquiry into the natural world and its laws, the interaction between the natural world (physical and biological) and human
	systems and communities; the structure and	express ideas, feelings, nature, culture, beliefs	finite resources with other people and with other living things;	personal, physical, mental, social and spiritual health;	discoveries, explorations and migrations of	societies:
TT Descriptor	function of organizations; societal decision-making;	and values; the ways in which we reflect on, extend	communities and the relationships within and between them; access	human relationships including families, friends, communities, and cultures; rights and responsibilities;	humankind; the relationships between the inter	how humans use their understanding of scientific principles; the
	economic activities and their impact on humankind and the environment	and enjoy our creativity, our appreciation of the	to equal opportunities; peace and conflict resolution.	what it means to be human.	connectedness of individuals and civilizations,	impact of scientific and technological advances on society and on
				what it means to be numan.	from local and global perspectives.	the environment.
Central Idea	People share responsibilities for smooth	People recognize important events through	The interaction between the Earth and other Celestial bodies	People around us help shape who we are		Living things have unique physical characteristics, structures,
	functioning 1. Structure of a community	celebrations and traditions 1. What traditions are	shape the management of finite resources. 1. Relationship of Earth and celestial bodies in the solar system	1. Who I am	and personal identity 1. Family ancestry	and needs that support their growth and development. 1. Basic needs of living things and how they are met
	Ways communities functions	How and why people celebrate	Finite resources on Earth	The people around me	Artifacts, heirlooms or rituals that have meaning in	Growth and development of living things
Lines of Inquiry	Our responsibilities as a good community member.	3. Similarities and differences between various celebrations	Ways to solve resource management issues	How I am the same as, and, different from other people		Similarities and differences between plants and animals
					3. Similarities and differences between generations	,
					within a family	
Key Concepts	Form, Function, Responsibility	Form, Perspective, Connection	Function, Causation, Change	Form, change, perspective	Connection, Reflection, Change	Function, Change, Form
Related Concepts	structure, system, citizenship, communication, rights, values	celebrations, traditions, events	Solar system, Planets	self, beliefs and values, relationships	history, chronology, tradition	classification, life cycle, survival
Learner Profile	Principled, Balanced, Open-minded, Caring	Knowledgeable, Open-minded, Communicator	Inquirer, Thinker, Reflective	Principled, Open-minded, Caring, Reflective	Inquirer, Thinker, Reflective	Principled, Balanced, Reflective, Caring
GRADE 3	UNIT 1	UNIT 2	UNIT 3	UNIT 4	UNIT 5	UNIT 6
Concept Title	HISTORY	IDENTITY	ORGANIZATION AND COMMUNICATION	SIGNS AND SYMBOLS	LIFE CYCLE AND MICROORGANISMS	ECOSYSTEM
П	WHERE WE ARE IN PLACE AND TIME	WHO WE ARE	HOW WE ORGANIZE OURSELVES	HOW WE EXPRESS OURSELVES	HOW THE WORLD WORKS	SHARING THE PLANET
	An inquiry into orientation in place and time, personal histories;	An inquiry into the nature of the self; beliefs and values;	Inquiry into the interconnectedness of human-made systems and	An inquiry into the ways in which we discover and express	An inquiry into the natural world and its laws, the interaction between the natural world (physical and	An inquiry into rights and responsibilities in the struggle to share finite
l	homes and journeys; the discoveries, explorations and	personal, physical, mental, social and spiritual health; human	communities; the structure and function of organizations; societal decision-	ideas, feelings, nature, culture, beliefs and values; the ways in	biological) and human societies;	resources with other people and with other living things; communities and the
TT Descriptor	migrations of humankind; the relationships between the inter connectedness of individuals and civilizations, from local and	relationships including families, friends, communities,	making; economic activities and their impact on humankind and the	which we reflect on, extend and enjoy our creativity, our	how humans use their understanding of scientific	relationships within and between them; access to equal opportunities; peace
	global perspectives.	and cultures; rights and responsibilities; what it means to be human.	environment.	appreciation of the aesthetic.	principles; the impact of scientific and technological	and conflict resolution.
	\$ F	nanan.			advances on society and on the environment.	
Central Idea	Understanding our communities and their connections	Cultural identity is shaped by one's heritage, beliefs,	Active citizenship involves fulfilling one's roles, rights, and	A variety of signs and symbols facilitates local and global	All living things go through a process of change in order to	Biodiversity relies on maintaining the interdependent balance of organisms
2 2 41 1404	between the past and present, helps us shape our future.	traditions and experiences	responsibilities within a community.	communication.	survive	within systems
	Characteristics of different communities (form)	The influence of heritage on one's cultural identity	Roles of a citizen in a community	Signs and symbols	1. Patterns of Growth	Ways in which ecosystems, biomes and environment are interdependent
Lines of leaving	Connections between past and present (connection)	The role of traditions and beliefs in defining identity	2. Understanding the Rights of a citizen	Reasons for the development of communication systems	How living things change over time	How human interaction with the environment can affect the balance of systems
Lines of Inquiry	Responding to changes in the communities (perspective)	Personal and collective experiences shape identity	Responsibilities of individuals in building a community	Specialized systems of communication	Factors that can influence life cycles	3. The consequences of imbalance within ecosystems
	1.Form	1. Connection	1. Form	1. Form	1. Causation	1. Connection
	2. Connection	2.Function	2. Function	2.Connection	2. Change 3. Connection	Causation Responsbility
, co.loopta		3 Causation				
Key Concepts Related Concepts	3. Perspective	3.Causation	3. Responsibility Human rights and responsibilities	3.Function		* *
Related Concepts Learner Profile	3. Perspective development, history, timeline	rights, roles and responsibilities	Human rights and responsibilities	2.Function Pattern, system	Life of Microorganisms Thinker, Communicator, Caring	Ecosystems, food chain, conservation Principled, Reflective, Caring
Related Concepts	3. Perspective		• •		Life of Microorganisms	Ecosystems, food chain, conservation
Related Concepts	3. Perspective development, history, timeline	rights, roles and responsibilities	Human rights and responsibilities		Life of Microorganisms	Ecosystems, food chain, conservation
Related Concepts	3. Perspective development, history, timeline	rights, roles and responsibilities	Human rights and responsibilities		Life of Microorganisms	Ecosystems, food chain, conservation
Related Concepts Learner Profile	3. Perspective development, history, timeline Inquirer, Thinker, Reflective	rights, roles and responsibilities Open-minded, Inquirer, Caring	Human rights and responsibilities Knowledgeable, Open-minded, Communicator	Pattern, system	Life of Microorganisms Thinker, Communicator, Caring	Ecosystems, food chain, conservation Principled, Reflective, Caring
Related Concepts Learner Profile GRADE 4	S. Perspective development, history, timeline Inquirer, Thinker, Reflective UNIT 1	rights, roles and responsibilities Open-minded, Inquirer, Caring UNIT 2	Human rights and responsibilities Knowledgeable, Open-minded, Communicator UNIT 3	Pattern, system UNIT 4	Life of Microorganisms Thinker, Communicator, Caring UNIT 5	Ecosystems, food chain, conservation Principled, Reflective, Caring UNIT 6
Related Concepts Learner Profile GRADE 4	3. Perspective development, history, timeline Inquirer, Thinker, Reflective UNIT 1 Inheritance and Variation WHO WE ARE	rights, roles and responsibilities Open-minded, Inquirer, Caring UNIT 2 SELF EXPRESSION HOW WE EXPRESS OURSELVES	Human rights and responsibilities Knowledgeable, Open-minded, Communicator UNIT 3 NATION BUILDING HOW WE ORGANIZE OURSELVES	Pattern, system UNIT 4 Forms and Energy Transformation HOW THE WORLD WORKS An inquiry into the natural world and its laws, the interaction	Life of Microorganisms Thinker, Communicator, Caring UNIT 5 GEOGRAPHY WHERE WE ARE IN PLACE AND TIME	Ecceystems, food chain, conservation Principled, Reflective, Caring UNIT 6 ENVIRONMENTAL ISSUE
Related Concepts Learner Profile GRADE 4 Concept Title TT	3. Perspective development, history, timeline Inquirer, Thinker, Reflective UNIT 1 Inheritance and Variation WHO WE ARE An inquiry into the nature of the self; beliefs and values;	rights, roles and responsibilities Open-minded, Inquirer, Caring UNIT 2 SELF EXPRESSION HOW WE EXPRESS OURSELVES An inquiry into the ways in which we discover and express	Human rights and responsibilities Knowledgeable, Open-minded, Communicator UNIT 3 NATION BUILDING HOW WE ORGANIZE OURSELVES Inquiry into the interconnectedness of human-made systems and	Pattern, system UNIT 4 Forms and Energy Transformation HOW THE WORLD WORKS An inquiry into the natural world and its laws, the interaction between the natural world (bryical and biological) and human	Life of Microorganisms Thinker, Communicator, Caring UNIT 5 GEOGRAPHY WHERE WE ARE IN PLACE AND TIME An inquiry into orientation in place and time, personal histories; homes and journeys; the discoveries,	Ecosystems, food chain, conservation Principled, Reflective, Caring UNIT 6 ENVIRONMENTAL ISSUE SHARING THE PLANET
Related Concepts Learner Profile GRADE 4	3. Perspective development, history, timeline Inquirer, Thinker, Reflective UNIT 1 Inheritance and Variation WHO WE ARE	rights, roles and responsibilities Open-minded, Inquirer, Caring UNIT 2 SELF EXPRESSION HOW WE EXPRESS OURSELVES An inquiry into the ways in which we discover and express ideas, feelings, nature, cutture, beliefs and values; the	Human rights and responsibilities Knowledgeable, Open-minded, Communicator UNIT 3 NATION BUILDING HOW WE ORGANIZE OURSELVES Inquiry into the Interconnectedness of human-made systems and communities; the structure and function of organizations; societal	Pattern, system UNIT 4 Forms and Energy Transformation HOW THE WORLD WORKS An inquiry into the natural world and its laws, the interaction	Life of Microorganisms Thinker, Communicator, Caring UNIT 5 GEOGRAPHY WHERE WE ARE IN PLACE AND TIME An inquiry into orientation in place and time, personal histories; homes and journeys; the discoveries, explorations and migrations of humanking; the relationships	Ecceystems, food chain, conservation Principled, Reflective, Caring UNIT 6 ENVIRONMENTAL ISSUE
Related Concepts Learner Profile GRADE 4 Concept Title TT	3. Perspective development, history, timeline Inquirer, Thinker, Reflective UNIT 1 Inheritance and Variation WHO WE ARE An inquiry into the nature of the self; beliefs and values; personal, physical, mental, social and spiritual health; human	rights, roles and responsibilities Open-minded, Inquirer, Caring UNIT 2 SELF EXPRESSION HOW WE EXPRESS OURSELVES An inquiry into the ways in which we discover and express	Human rights and responsibilities Knowledgeable, Open-minded, Communicator UNIT 3 NATION BUILDING HOW WE ORGANIZE OURSELVES Inquiry into the interconnectedness of human-made systems and	Pattern, system UNIT 4 Forms and Energy Transformation HOW THE WORLD WORKS An inquiry into the natural world and its laws, the interaction between the natural world (physical and biological) and human societies; how humans use their understanding of scientific principles; the impact of scientific and technological advances on society and on	Unit 5 GEOGRAPHY WHERE WE ARE IN PLACE AND TIME An inquiry into orientation in place and time, personal histories; homes and journeys; the discoveries, explorations and migrations of humankind; the relationships between the inter connectedness of individuals and	Ecosystems, food chain, conservation Principled, Reflective, Caring UNIT 6 ENVIRONMENTAL ISSUE SHARING THE PLANET An inquiry into rights and responsibilities in the struggle to share finite resources with other people and with other living things; communities and the relationships within and between them; access to equal opportunities; peace
Related Concepts Learner Profile GRADE 4 Concept Title TT	3. Perspective development, history, timeline linquirer, Thinker, Reflective UNIT 1 Inheritance and Variation WHO WE ARE An inquiry into the nature of the self; beliefs and values; personal, physical, mental, social and spiritual health; human retationships including familes, friends, communities, and	rights, roles and responsibilities Open-minded, Inquirer, Caring UNIT 2 SELF EXPRESSION HOW WE EXPRESS OURSELVES An inquiry into the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values; the ways in which we reflect on, extend and enjoy our creativity, our appreciation of the aesthetic.	Human rights and responsibilities Knowledgeable, Open-minded, Communicator UNIT 3 NATION BUILDING HOW WE ORGANIZE OURSELVES 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	Pattern, system UNIT 4 Forms and Energy Transformation HOW THE WORLD WORKS An inquiry into the natural world snot its laws, the interaction between the natural world (bryical and biological) and human societies; how humans use their understanding of scientific principles; the	Life of Microorganisms Thinker, Communicator, Caring UNIT 5 GEOGRAPHY WHERE WE ARE IN PLACE AND TIME An inquiry into orientation in place and time, personal histories; homes and journeys; the discoveries, expiorations and migrations of humankind; the relationships	Ecosystems, food chain, conservation Principled, Reflective, Caring UNIT 6 ENVIRONMENTAL ISSUE SHARING THE PLANET An inquiry into rights and responsibilities in the struggle to share finite resources with other people and with other living things; communities and the
Related Concepts Learner Profile GRADE 4 Concept Title TT Descriptor	3. Perspective development, history, timeline Inquirer, Thinker, Reflective UNIT 1 Inheritance and Variation WHO WE ARE An inquiry into the nature of the self; beliefs and values; personal, physical, mental, social and spiritual health; human relationships including families, friends, communities, and cultures; rights and responsibilities; what it means to be human.	rights, roles and responsibilities Open-minded, Inquirer, Caring UNIT 2 SELF EXPRESSION HOW WE EXPRESS OURSELVES An inquiry into the ways in which we discover and express ideas, feelings, nature, cutture, beliefs and values; the ways in which we reflect on, extend and enjoy our creativity, our paperciation of the aesthetic. Throughout history, people have interacted with each other	Human rights and responsibilities Knowledgeable, Open-minded, Communicator UNIT 3 NATION BUILDING HOW WE ORGANIZE OURSELVES 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.	Pattern, system UNIT 4 Forms and Energy Transformation HOW THE WORLD WORKS An inquiry into the natural world and its laws, the interaction between the natural world (physical and biological) and human succidens; how humans use their noticestanding of scientific principles; the impact of scientific and technological advances on society and on the environment.	Life of Microorganisms Thinker, Communicator, Caring UNIT 5 GEOGRAPHY WHERE WE ARE IN PLACE AND TIME An inquily into orientation in place and time, personal histories; homes and journeys; the discoveries, expirations and migrations of humankind; the relationships between the inter connectedness of individuals and civilizations, from local and global perspectives.	Ecosystems, food chain, conservation Principled, Reflective, Caring UNIT 6 ENVIRONMENTAL ISSUE SHARING THE PLANET An inquiry into rights and responsibilities in the struggle to share finite resources with other people and with other living things; communities and the relationships within and between them; access to equal opportunities; peace and conflict resolution.
Related Concepts Learner Profile GRADE 4 Concept Title TT	3. Perspective development, history, timeline Inquirer, Thinker, Reflective UNIT 1 Inheritance and Variation WHO WE ARE An inquiry into the nature of the self; beliefs and values; personal, physical, mental, social and spiritual health; human relationships including familes, friends, communities, and cultures; rights and responsibilities; what it means to be human. Inherited characteristics and variations are essential for human	rights, roles and responsibilities Open-minded, Inquirer, Caring UNIT 2 SELF EXPRESSION HOW WE EXPRESS OURSELVES An inquiry into the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values; the ways in which we reflect on, extend and enjoy our creativity, our appreciation of the aesthetic.	Human rights and responsibilities Knowledgeable, Open-minded, Communicator UNIT 3 NATION BUILDING HOW WE ORGANIZE OURSELVES 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. A nation is a complex and interconnected entity characterized by shared rights	Pattern, system UNIT 4 Forms and Energy Transformation HOW THE WORLD WORKS An inquiry into the natural world and its laws, the interaction between the natural world (physical and biological) and human societies; how humans use their understanding of scientific principles; the impact of scientific and technological advances on society and on	Life of Microorganisms Thinker, Communicator, Caring UNIT 5 GEOGRAPHY WHERE WE ARE IN PLACE AND TIME An inquiry into orientation in place and time, personal histories; homes and journeys; the discoveries, explorations and migrations of humankind; the relationships between the inter connectedness of individuals and civilizations, from local and global perspectives. Earth's physical geography has an impact on human	Ecosystems, food chain, conservation Principled, Reflective, Caring UNIT 6 ENVIRONMENTAL ISSUE SHARING THE PLANET An inquiry into rights and responsibilities in the struggle to share finite resources with other people and with other living things; communities and the relationships within and between them; access to equal opportunities; peace and conflict resolution. The interaction between the Earth and other Celestial bodies shape the
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Related Concepts Learner Profile GRADE 4 Concept Title TT Contral Idea Line of Inquiry Key COncept Related Concepts Learner Profile ATL's GRADE 5 Concept Title TT	3. Perspective Inquirer, Thinker, Reflective Inquirer, Thinker, Reflective Inquirer, Thinker, Reflective Inheritance and Variation WHO WE ARE An inquiry into the nature of the self; beliefs and values; personal, physical, mental, social and spiritual health; human relationships including familes, friends, communities, and cultures; rights and responsibilities; what it means to be human. 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Evidences of past civilizations (based on documentations)	Pattern, system UNIT 4 Forms and Energy Transformation HOW THE WORLD WORKS An inquiry into the natural world and its laws, the interaction between the natural world (physical and biological) and human societies; how humans use their understanding of scientific principles; the impact of scientific and technological advances on society and on the environment. People use, store and change energy for different purposes. 1. Forms of energy 2. the storage and transformation of energy 3. Conservation of energy 4. the storage and transformation of energy 5. Incurrent energy 6. Incurrent energy 7. Incurrent energy 8. Incurrent energy 8. Incurrent energy 8. Incurrent energy 9. Incurrent energy 1. Incu	UNIT 5 GEOGRAPHY WHERE WE ARE IN PLACE AND TIME An inquiry into orientation in place and time, personal histories; homes and journeys; the discoveries, explorations and migrations of humankin; the relationships between the inter connectences of individuals and civilizations, from local and global perspectives. Earth's physical geography has an impact on human settlements and interactions 1. Variability of physical geography around the world 2. The relationship between location and settlement 3. Impact of human interaction in the physical environment Form, Causation, Connection Geography, Settlement, Community Inquirer, Thinker, Knowledgeable Research, Social, Communication Skills EARTH SCIENCE HOW THE WORLD WORKS An inquiry into the natural world of its laws; the interaction between the natural world of its laws; the interaction between the natural world of scientific and technological advances on society and on the environment. The Earth's structure and geological processes shape the land and influence human actions. 1. Structure of the Earth	Ecosystems, food chain, conservation Principled, Reflective, Caring UNIT 6 ENVIRONMENTAL ISSUE SHARING THE PLANET An inquiry into rights and responsibilities in the struggle to share finite resources with other people and with other living things; communities and the relationships within and between them; access to equal opportunities, peace and conflict resources. The interaction between the Earth and other Celestial bodies shape the management of finite resources. 1. Relationship of Earth and celestial bodies in the solar system 2. Finite resources on Earth 3. Ways to solve resource management issues Function, Causation, Change Solar system, Planets Inquire, Thinker, Reflective Communication Skills, Social Skills, Thinking Skills PYPX SHARING THE PLANET An inquiry into rights and responsibilities in the struggle to share finite resources with other people and with other living things; communities and the residences the opening and with other living things; communities and the residences within and between them; access to equal opportunities; peace
Related Concepts Learner Profile GRADE 4 Concept Title TT Central Idea Line of Inquiry Key Concept Related Concepts Learner Profile ATL's GRADE 5 Concept Title TT TT Descriptor	3. Perspective Inquirer, Thinker, Reflective Inquirer, Thinker, Reflective Inquirer, Thinker, Reflective UNIT 1 Inheritance and Variation WHO WE ARE An inquiry into the nature of the self; beliefs and values; personal, physical, mental, social and spiritual health; human relationships including familes, friends, communities, and cultures; rights and responsibilities; what it means to be human. Inherited characteristics and variations are essential for human beings to survive and adapt to their environment. 1 How characteristics are inherited 2 Genetic variations is important for survival and adaptation 3 How variations can lead to differences in characteristics Function, Causastion, Perspective adaptation, heredity, genetic variations Knowledgeable, Open-minded, Inquirer Thinking skills, Research Skills, Self-Management Skills BODY SYSTEMS WHO WE ARE An inquiry into the nature of the self; beliefs and values; personal, physical, mental, social and spiritual health; human relationships including familes, friends, communities, and cultures; rights and responsibilities; what it means to be human. The effective interactions between human body systems contribute to health and survival. 1.Body systems and how they work	rights, roles and responsibilities Open-minded, Inquirer, Caring UNIT 2 SELF EXPRESSION HOW WE EXPRESS OURSELVES An inquiry into the ways in which we discover and express ideas, feelings, nature, cutture, beliefs and values; the ways in which we reflect on, extend and enjoy our creativity, our appreciation of the aesthetic. Throughout history, people have interacted with each other and communicated using arts. LOIRT -How people communicate through arts (Function) LOIR2 - How artwork provides insight and information (Connection) LOIR3 - Development of art forms overtime (Change) RETAIN RETAIN RETAIN SOCIAL ART HOW WE EXPRESS OURSELVES An inquiry into the ways in which we discover and express ideas, feelings nature, cutture, bailed and values; the ways in which we reflect out the discover and express ideas, feelings nature, cutture, bailed and values; the ways in which we reflect out the discover and expressions, and the control of the aesthetic. Materials have properties which can be used or manipulated for creative expression. 1. Properties and uses of materials 2. Reasons behind changing materials according to its purpose	Human rights and responsibilities Knowledgeable, Open-minded, Communicator UNIT 3 NATION BUILDING HOW WE ORGANIZE OURSELVES 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. A nation is a complex and interconnected entity characterized by shared rights and common goals among its people. 1. What is a nation (form) 2. Ways on thou rights and goals form a nation (connection) 3. 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People use, store and change energy for different purposes. 1. Forms of energy 2. the storage and transformation of energy 3. Conservation of energy 3. Conservation of energy Inquire, Knowledgeable, Communicator Skills MOVEMENT HOWE ORGANIZE OURSELVES 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 humanshind and the environment. Colonization has significant and lasting effects on societies, cultures and unational identities. 1. What colonization is	UNIT 5 GEOGRAPHY GEOGRAPHY WHERE WE ARE IN PLACE AND TIME An inquiry into orientation in place and time, personal histories; homes and journeys; the discoveries, explorations and migrations of humankind; the relationships between the inter connectedness of individuals and civilizations, from local and global perspectives. 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Structure of the Earth	Ecosystems, food chain, conservation Principled, Reflective, Caring UNIT 6 ENVIRONMENTAL ISSUE SHARING THE PLANET An inquiry into rights and responsibilities in the struggle to share finite resources with other people and with other living things; communities and the relationships within and between them; access to equal opportunities, peace and conflict resources. The interaction between the Earth and other Celestial bodies shape the management of finite resources. 1. Relationship of Earth and celestial bodies in the solar system 2. Finite resources on Earth 3. 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Related Concepts Learner Profile GRADE 4 Concept Title TIT Descriptor Key Concept Related Concepts Learner Profile ATL's GRADE 5 Concept Title TIT Contral Idea	3. Perspective Inquirer, Thinker, Reflective Inquirer, Thinker, Reflective Inquirer, Thinker, Reflective UNIT 1 Inheritance and Variation WHO WE ARE An inquiry into the nature of the self; beliefs and values; personal, physical, mental, social and spirtual health; human relationships including families, friends, communities, and cultures, rights and responsibilities; what it means to be human. Inherited characteristics and variations are essential for human beings to survive and adapt to their environment. 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	Concepts	Body System, Interdependence, Lifestyle Choices, Health, Survival, Interaction	materials, matter. properties, change, purpose, beneficial, expression, manipulation	history, culture, society, environment, discovery, evidence, conservation		layers of the earth, composition, properties, plate tectonics, volcanoes, weathering and soil erosion, natural resources, impacts	
Learner	Profile	Inquirer Caring, Balanced	Knowledgeable, Thinker, Risk Taker	Knowledgeable, Inquirer, Thinkers	Knowledgeable, Inquirer, Communicator	Thinker, Principled , Caring	
ATL's		Research, Communication, Self Management Skills	Thinking Skills, Self-management Skills, Research Skills	Thinking Skills, Research Skills, Communication Skills	Thinking Skills, Research Skills, Communication Skills	Thinking Skills, Research Skills, Communication Skills	