

# Vertical Alignment of GESM Program of Inquiry Primary International 2020-2021 Six Transdisciplinary Themes

Who We Are	Where We Are in Place and Time	How We Express Ourselves	How The World Works	How We Organize Ourselves	Sharing The Planet
An inquiry into the nature of the self; beliefs and values; personal, physical, mental, social and spiritual health; human relationships including families, friends, communities, and cultures; right 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.

## UN SUSTAINABLE DEVELOPMENT GOALS














Unit 1	Grade	Central Idea	Lines of Inquiry	ATL (Skills)	Related Concept	Learner Profile	SDG
Who We Are	K Cycle A	I learn and discover more about myself every day.	<ul style="list-style-type: none"> <li>- Parts of my body (form)</li> <li>- The things I can do (function)</li> <li>- Taking care of myself (responsibility)</li> </ul>	Social  Self-Management  Communication	Diversity, Differences, Similarity and Self- Concept	Thinker / Inquirer	
	Pre P	Families are an important foundation in our lives.	<ul style="list-style-type: none"> <li>-The members of the family (form)</li> <li>-The roles and responsibilities of every member (function)</li> <li>-How family environment impacts who we become (connection)</li> </ul>	Thinking  Social	Roles Relationships Responsibility Values	Caring Open-Minded Principled	
	1	An understanding of personal and social skills contributes to success in learning.	<ul style="list-style-type: none"> <li>-Observing and naming our own and others' feelings (form)</li> <li>-Learning skills (function)</li> <li>-Strategies for problem-solving with others (perspective)</li> </ul>	Social  Thinking	compassion, empathy, social problem-solving skills, friendships		















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	2	Exploring identities help people understand their attitudes toward themselves and others	<div>-Visible and hidden identity traits (form)</div> <div>-Different points of view and mindsets (perspective)</div> <div>-Strategies that help us approach challenges (function)</div>	Research  Thinking	Identity, view, Problem solving	Thinker Reflective Communicator	<div><div>4 QUALITY EDUCATION</div><div>5 GENDER EQUALITY</div><div>10 REDUCED INEQUALITIES</div></div>
	3	Our beliefs are part of who we are	<div>- How beliefs and religions are diverse around the world (perspective)</div> <div>-Rights to express my beliefs and respect for others. (responsibility)</div> <div>-Traditions and culture in my family, community, city and country. Common and different traditions around the world. (Connection)</div>	Social  Thinking  Research	Perspective, Responsibility, Values	Inquirer, Communicator, Open minded	<div><div>10 REDUCED INEQUALITIES</div><div>16 PEACE, JUSTICE AND STRONG INSTITUTIONS</div></div>
	4	The choices people make can affect their health and well-being.	<div>-How to live a balanced lifestyle (function)</div> <div>-How choices can affect our physical, mental and social health (causation)</div> <div>-Different sources of information that help us to make choices (responsibility)</div>	Self-Management  Thinking	Health, Nutrition, Choices, Well-being, systems	Balanced, Reflective, Knowledgeable	<div><div>2 ZERO HUNGER</div><div>3 GOOD HEALTH AND WELL-BEING</div></div>
	5	Humans have a responsibility to protect the rights of a child.	<div>-The rights and responsibilities of a child (Form)</div> <div>-Responsibilities within a community to protect the rights of children (Responsibility)</div> <div>-How expectations of children vary based on culture and economic situations (Perspective)</div>	Research  Self-Management  Social  Online - Communication	Rights Roles Responsibility Values	Principled Knowledgeable Open-Minded	<div><div>3 GOOD HEALTH AND WELL-BEING</div><div>5 GENDER EQUALITY</div><div>10 REDUCED INEQUALITIES</div></div>
	Unit 2	Grade	Central Idea	Lines of Inquiry	ATL (Skills)	Related Concept	Learner Profile
Where We Are In Place and Time	K						
	Pre P						
	1	Natural processes shape and reshape the earth’s surface.	<div>-Types of landforms (form)</div> <div>-ow landforms are shaped (causation)</div> <div>-How the earth’s surface has changed over time (change)</div>	Research  Thinking	Process, Transformation, Cycle	Inquirer, Communicator Knowledgeable	<div><div>11 SUSTAINABLE CITIES AND COMMUNITIES</div><div>15 LIFE ON LAND</div><div>14 LIFE BELOW WATER</div></div>










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	2	Communities are enriched by their members and the different perspectives they bring.	<ul style="list-style-type: none"> <li>-What makes a community (form)</li> <li>-Our location in terms of both the local and global community (connection)</li> <li>-Personal stories of community members (perspective)</li> </ul>	<p>Research</p> <p>Thinking</p>	Community Perspective	Risk Takers Thinking	  
	3	Exploration begins with inquiry and leads to discoveries, opportunities and new understandings.	<ul style="list-style-type: none"> <li>- Ways in which people explore (form)</li> <li>- How inquiry can lead to new opportunities and understandings (connection)</li> <li>- Social, personal, economic and technological effect of exploration and discovery (causation)</li> </ul>	<p>Research</p> <p>Thinking</p> <p>Communication</p>	Change Connection Form Influence	Inquirer Communicator Thinker	 
	4	Human migration affects individuals, communities and cultures	<ul style="list-style-type: none"> <li>-Types of human migration (form)</li> <li>-Reasons why people migrate (causation)</li> <li>-Perspectives related to migration (perspective)</li> </ul>	<p>Research</p> <p>Social</p> <p>Communication</p>	Migration, rights, cooperation, development, community	Open minded Caring Communicator	   
	5	Evidence of past civilizations can be used to make connections to present-day societies.	<ul style="list-style-type: none"> <li>- Characteristics of civilizations and societies (form)</li> <li>- Connections between past and present societies (connection)</li> <li>- Processes involved in collecting, analysing and validating artefacts (function)</li> </ul>	<p>Research</p> <p>Thinking</p> <p>Online Communication</p>	Social organisation, Culture, Transformation	Inquirer Thinker Reflective	
<b>Unit 3</b>	<b>Grade</b>	<b>Central Idea</b>	<b>Lines of Inquiry</b>	<b>ATL (Skills)</b>	<b>Related Concept</b>	<b>Learner Profile</b>	<b>SDG</b>
	K						
	Pre P						
How We Organize Ourselves	1	Systems help to maintain organization in communities	<ul style="list-style-type: none"> <li>-Different systems of organization we use everyday (Form)</li> <li>-Different systems of organization we use in our community(Function)</li> <li>-Collection, storage and use of information (CConnection)</li> </ul>	<p>Self - Management</p> <p>Communication</p>	Structure, Role	Caring, Reflective,	








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	2	Natural disasters transform how a community functions.	<ul style="list-style-type: none"> <li>-Effects of natural disasters on people and the environment (causation)</li> <li>-The natural disasters that threaten a community (connection)</li> <li>-Human response to natural disasters (responsibility)</li> </ul>	Thinking Research	disaster, natural phenomenon, severity, infrastructure, community	Inquirers Knowledgeable	 
	3	Communities develop and organize themselves to meet the needs and wants of the people	<ul style="list-style-type: none"> <li>- The purpose of services and systems in a community (function)</li> <li>- Progress in community organizations over time (change)</li> <li>- How networks of services and systems depend on each other (connection)</li> </ul>	Social Self-management	Structures, Systems	Principled, Balanced, Reflective	 
	4	Economic activities affect people and impact the environment	<ul style="list-style-type: none"> <li>-The role of social enterprises on a community (function)</li> <li>-Our power as consumers to effect change (change)</li> <li>-Fairness and sustainability in economic growth and development (responsibility)</li> </ul>	Social Research	Community, employment, sustainability, growth, supply and demand	Thinker Inquirer Principled	   
	5	The food we eat goes through many stages before it reaches or table.	<ul style="list-style-type: none"> <li>-Stages of food production (function)</li> <li>-The people and systems involved in production and distribution (connection)</li> <li>-The impact of people's food choices (causation)</li> </ul>	Communication Social Thinking Research	Function Connection Causation	Open-Minded Inquirer Caring	  
Unit 4	Grade	Central Idea	Lines of Inquiry	ATL (Skills)	Related Concept	Learner Profile	SDG
How We Express Ourselves	K Cycle A	Creating Art can involve using tools and manipulating and changing materials.	<ul style="list-style-type: none"> <li>-Different materials and tools we use (materials tools, form, function)</li> <li>-Changing and manipulating of materials manipulation and change)</li> <li>-Creating Art tools and Materials. (creativity and function)</li> </ul>	Communication Social Thinking Research	Materials, Tools, Manipulation and Creativity	Communicator / Open Minded	  

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	Pre P	People around the world celebrate special events that allow us to take part in their culture.	<ul style="list-style-type: none"> <li>-Different celebrations around the world (form)</li> <li>-The reasons why people celebrate (perspective)</li> <li>How I can participate in different celebrations (reflections)</li> </ul>	Social  Communication  Research	Beliefs Opinions	Communicator Open Minded	 
	1	People share and connect with each other through stories.	<ul style="list-style-type: none"> <li>- The way stories work. (Form)</li> <li>-Different ways to share stories (perspective)</li> <li>-Different kinds of stories and where they come from. (connection)</li> </ul>	Communication  Research	Subjectivity, communication	Communicator s Balanced	
	2	Authors and illustrators develop their own personal style as they express themselves in their work	<ul style="list-style-type: none"> <li>-The characteristics of different authors' styles (form)</li> <li>-The process of creating a book (function)</li> <li>-The effect of voice, word choice, and presentations (causation)</li> </ul>	Communication	Process effects	Communicator s Open-minded Balanced	
	3	People express ideals, hopes and values through our choice of heroes	<ul style="list-style-type: none"> <li>-Types of heroes and why we value them (form)</li> <li>- Past and present heroes from around the world and their impact in society (causation)</li> <li>- The difference between being famous, being a role model or being a hero (reflection)</li> </ul>	Thinking,  Research  Communication	Perception, Values	Reflective, Thinker	 
	4	Creativity is a tool people can use to design, connect and share ideas.	<ul style="list-style-type: none"> <li>-The design process (function)</li> <li>-Making and building understanding through connecting with others (connection)</li> <li>-Perspective influences the interpretation of the message (perspective)</li> </ul>	Communication  Self- Management  Thinking	Expression Value Creation Innovation interpretation	Risk-taker Open-minded Communicator	
	5	People can create or manipulate messages to target specific audiences	<ul style="list-style-type: none"> <li>- How the elements of messages can be used to influence target audiences (perspective)</li> <li>- The power and impact of media (connection)</li> </ul>	Research  Social  Self- Management	Voice, influence, transformation.	Inquirers Thinkers Research Caring	 









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			- Critical evaluation of messages presented through media (responsibility)				
Unit 5	Grade	Central Idea	Lines of Inquiry	ATL (Skills)	Related Concept	Learner Profile	SDG
How The World Works	K Cycle A	The weather changes and affects people's lives	<ul style="list-style-type: none"> <li>-The kinds of weather here and in other parts of the world. (form)</li> <li>-Our clothes and things change for different kinds of weather. (causation)</li> <li>-Things we can do in different types of weather. (responsibility)</li> </ul>	Thinking Research	Relationship, Cause and Effect	Inquirer / Courageous	 
	Pre P	Matter exists in a variety of forms and interacts in a variety of ways.	<ul style="list-style-type: none"> <li>-Physical properties of common materials (form)</li> <li>-States of matter (form/function)</li> <li>-How changes in matter affect us (change)</li> </ul>	Thinking Social Research	Properties Transformation	Inquirers Thinkers Research	
	1	People utilize light and sound to communicate.	<ul style="list-style-type: none"> <li>- Sound can be produced in different ways(form)</li> <li>- Light has properties that we can observe and describe(causation)</li> <li>- We use tools and materials to communicate(function)</li> </ul>	Thinking Research Communication	light, sound, communication, waves, vibration	Risk Taker Knowledgeable	
	2	Living things change from the time of their birth to their death.	<ul style="list-style-type: none"> <li>-The different stages living things go through (change)</li> <li>-The classification of animals (form)</li> <li>-The responsibility of humans towards living things (responsibility)</li> </ul>	Research Thinking	Connection Change relationships	Caring Inquirers	 
	3	People use their knowledge of physical science to advance society.	<ul style="list-style-type: none"> <li>-What are the various sources of energy? (form)</li> <li>-Relevance between electricity and magnetism (connection)</li> <li>-Use and application of electricity and magnets in our daily lives (function)</li> </ul>	Research Thinking Social	Process, application, invention, renewable, clean energy	Knowledgeable , Thinker, Risk-taker	 

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	4	Human survival is connected to understanding the continual changing nature of the Earth and beyond.	<ul style="list-style-type: none"> <li>-How different components of Earth and beyond are interrelated (connection)</li> <li>-How the Earth has changed and is continuing to change (change)</li> <li>-Why the Earth changes (causation)</li> </ul>	Social  Thinking	Cycles, survival, geology, space, ecosystems, global warming	Knowledgeable , Principled, Risk-taker	 
	5	Space exploration has led to new discoveries and ideas about life beyond earth	<ul style="list-style-type: none"> <li>- How Earth's position in space supports life (function)</li> <li>- Space exploration through time (connection)</li> <li>- The impact of scientific investigations on humanity (reflection)</li> </ul>	Self-management  Thinking  Research	Innovation, Investigation, Connection	Thinker, Inquirer, Pricipled	
Unit 6	Grade	Central Idea	Lines of Inquiry	ATL (Skills)	Related Concept	Learner Profile	SDG
Sharing The Planet	K Cycle A	Animals can be cared for and protected by people.	<ul style="list-style-type: none"> <li>-The animals on land, air and water (form)</li> <li>- Basic body parts and their functions (function)</li> <li>-How different animals live (Food, Habitat and special features) (connection)</li> </ul>	Thinking  Research  Social	Thinking Research Social	Open Minded / Caring	  
	Pre P	Natural resources can meet needs or wants.	<ul style="list-style-type: none"> <li>- Our needs and wants (connection)</li> <li>- The natural resources present in our environment (form)</li> <li>- How people use natural resources (responsibility)</li> <li>- Responsible use of natural resources (reflection/causation)</li> </ul>	Thinking  Research  Social	Resources Distribution Impact	Knowledgeable Inquirers Reflective	      
	1	We share our local environment with other living creatures.	<ul style="list-style-type: none"> <li>- Living creatures in our local environment (form)</li> <li>- Characteristics and nature of different living creatures (connection)</li> <li>- Caring for living creatures in our local environment (responsibility)</li> </ul>	Social  Self - management  Thinking	Adaptations, Animals, Conservation, Habitat,	Caring, Reflective	  

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2	Our personal choices can change the environment.	<ul style="list-style-type: none"> <li>- How rubbish and pollution affect the environment (causation)</li> <li>-The different methods of recycling (form)</li> <li>-How we can help protect the environment (reflection)</li> </ul>	Social  Self-management	Environment Methods	Caring Principled Open minded	 
3	Human consumption of resources has an impact on the environment	<ul style="list-style-type: none"> <li>-Supply, demand and scarcity of resources (connection)</li> <li>- Man-made causes of depletion of resources (causation)</li> <li>-Conservation efforts: reduce, reuse, recycle (responsibility)</li> </ul>	Research  Social	Lifestyle and sustainability	Reflective, Caring	  
4	The struggle to share the environment impacts living things.	<ul style="list-style-type: none"> <li>-Survival depends on how quickly plants and animals adapt (causation)</li> <li>-Ways in which organisms are connected to each other (connection)</li> <li>-How humans interact with the environment can affect the balance of systems (responsibility)</li> </ul>	Self-Management:  Communication	Persuasion, adaptation, function, behavior	Reflective Caring Balanced	  
5	Choices that people make impact the environment and living things in both positive and negative ways	<ul style="list-style-type: none"> <li>-Challenges and risks that people and the community encounter relating to the environment and rights of living things(perspective)</li> <li>-The reason behind challenges and risks faced by people and other living things in their environment. (causation)</li> <li>-Our responsibility to help create a safe, balanced and just environment for people and other living things. (Responsibility)</li> </ul>	Research  Communicating  Thinking:  Self-Management	Challenges, Consequences Opportunity Risk	Risk-Taker – propose change/action for their choice of topic.  Knowledgeable Acquire knowledge in order to effectively persuade your audience  Thinker – find possible solutions to a community concern	