

Phase 6 Units by Grade for the 2019-20 School Year

JK-3	JK-4	K	1st
<p>HOW THE WORLD WORKS <i>Descriptor:</i> An inquiry into the natural world and its laws.</p> <p>C.I. Physical features determine means of survival</p> <p><u>Inquiries Into:</u> Animal characteristics help them to live in their environment (Function) Animals can be classified by characteristics (Form) Changes in the environment can impact animal populations (Change)</p> <p><u>Concepts:</u> Function, Form and Change</p> <p><u>Related Concepts:</u> Information, properties, comparison, and consequences</p> <p><u>Learner Profile:</u> Inquirer, Thinker, Knowledgeable</p> <p><u>Attitudes:</u> Curiosity, Commitment, and Enthusiasm</p> <p>PHASE 5 & 6</p>	<p>HOW THE WORLD WORKS <i>Descriptor:</i> An inquiry into the interaction between the natural world (physical and biological) and human societies.</p> <p>C.I. The Earth’s natural cycles influence the activity of living things</p> <p><u>Inquiries Into:</u> Impacts of Earth’s natural cycles (causation) Patterns of behavior in living things related to Earths seasons (connection) Actions people take in response to Earth’s natural cycles (Change)</p> <p><u>Concepts:</u> Connection, Change and Causation</p> <p><u>Related Concepts:</u> Growth, patterns, cycles, behavior, and impact</p> <p><u>Learner Profile:</u> Balanced and Open-Minded</p> <p><u>Attitudes:</u> Curiosity, Enthusiasm, Integrity, and Tolerance</p>	<p>HOW THE WORLD WORKS <i>Descriptor:</i> An inquiry into how humans use understanding of scientific principles.</p> <p>C.I. Scientific processes and principles are used to explore and understand the world around us</p> <p><u>Inquiries Into:</u> The role of curiosity in scientific investigation. (Reflection)</p> <p>Multiple perspectives can provide more possibilities of discovery (Perspective)</p> <p>Observations lead to new discoveries and new questions (Connection)</p> <p><u>Concepts:</u> Reflection, connection & Perspective</p> <p><u>Related Concepts:</u> Discovery, impact, and patterns</p> <p><u>Learner Profile:</u> Inquirer, knowledgeable, and thinker</p> <p><u>Attitudes:</u> Curiosity, Creativity, Cooperation</p> <p>RESEARCH UNIT</p>	<p>SHARING THE PLANET <i>Descriptor:</i> An inquiry into rights and responsibilities in the struggle to share finite resources with other living things.</p> <p>C.I. The interconnectedness of plants and animals that inhabit our world.</p> <p><u>Inquiries Into:</u> *Similarities and differences between plants and animals-(Function) *Classification of plants and animals-(Form) *The life cycle of plants and animals-(Change)</p> <p><u>Concepts:</u> Change, form, & function</p> <p><u>Related Concepts:</u> Properties, structure, similarities, differences, behavior, role, systems, adaptation, growth, cycles, and transformation</p> <p><u>Learner Profile:</u> Caring and principled</p> <p><u>Attitudes:</u> Appreciation, empathy, and integrity</p>

Phase 6 Units by Grade for the 2018-19 School Year

2 nd	3 rd	4 th	5 th
<p align="center">HOW WE EXPRESS OURSELVES</p> <p><i>Descriptor:</i> An inquiry into the ways in which we discover and express ideas, feelings, nature, culture, beliefs, and values.</p> <p>C.I Human inspiration can produce an environment of creativity and collaboration.</p> <p align="center"><u>Inquiries Into:</u> Combining learned skills with creative thoughts can impact the world both locally and on a global scale. (Connection)</p> <p>Civic responsibilities of citizens within a community. (Responsibility)</p> <p>Problem Solving issues through collaboration. (Change)</p> <p align="center"><u>Concepts:</u> Connection, Responsibility and Change</p> <p align="center"><u>Related Concepts:</u> Properties, pattern and beliefs</p> <p align="center"><u>Learner Profile:</u></p>	<p align="center">SHARING THE PLANET</p> <p><i>Descriptor:</i> An inquiry into communities and the relationships within and between them</p> <p>C.I. Environments are affected by geographical features.</p> <p align="center"><u>Concepts:</u> Reflection, Change and Connection</p> <p align="center"><u>Related Concepts:</u> Impact, cycles, predictions, geography, community, survival</p> <p align="center"><u>Inquiries Into:</u> * Natural events cause change (Change) *Tools help to make predictions (Connection) *Patterns determine cycles (Reflection)</p> <p align="center"><u>Learner Profile:</u> Inquirer, Knowledgeable and Reflective</p> <p align="center"><u>Attitudes:</u> Confidence, Empathy, and Independence</p>	<p align="center">HOW WE EXPRESS OURSELVES</p> <p>An inquiry into the ways in which we discover and express ideas, feelings, nature, culture, beliefs, and values.</p> <p>C.I. Creative expression provides ways to communicate ideas, information and emotions.</p> <p align="center"><u>Inquiries Into:</u> Forms of expression (Form) Interpretation of expressions through the Arts. (Perspective) Similarities and Differences of global expressions (Causation)</p> <p align="center"><u>Concepts:</u> Reflection Form Perspective</p> <p align="center"><u>Related Concepts:</u> Similarities, differences, pattern, truth, opinion, interpretation, evidence and responsibility</p> <p align="center"><u>Learner Profile:</u> Reflective Thinker Open-Minded</p> <p align="center"><u>Attitudes:</u> Creativity Tolerance</p>	<p align="center">How the world works</p> <p><i>Descriptor:</i> An inquiry into how humans use their understanding of science principles</p> <p>C.I. The natural world is a series of interconnected systems.</p> <p align="center"><u>Inquiries Into:</u> *Types of systems (Form) *Interaction of systems (Connection) *Impacts of systems (Reflection)</p> <p align="center"><u>Key Concepts:</u> Form, connection, and reflection</p> <p align="center"><u>Related Concepts:</u> Structure, systems and interaction,</p> <p align="center"><u>Learner Profile:</u> Inquirer, open-minded and Knowledgeable</p> <p align="center"><u>Attitudes:</u> Appreciation, curiosity, and empathy</p>

Communicator, Knowledgeable and Reflective			
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