

## Science Subject Group Overview

**Subject: Science, MYP Year 1 2019-2020**

<b>MYP Year, Unit Title, Teacher</b>	<b>Key concept</b>	<b>Related Concept(s)</b>	<b>Global context &amp; Exploration</b>	<b>Statement of inquiry</b>	<b>Subject specific objectives</b>	<b>ATL Skills</b>	<b>Content(topics, knowledge, skills)</b>
<b>Scientific Method and Processes</b>	Systems	Form Function Patterns	Scientific and Technical Innovations	Systems allow us to investigate the form and function of patterns observed and explore processes and solutions.	<u>A Knowing and understanding</u>  <u>B Inquiring and designing</u>  <u>C Processing and evaluating</u>	<b>Self Management:</b> <b>Affective Skills</b> <b>Reflection Skills</b>  <b>Creative Thinking Skills</b>  <b>Communications Skills</b>	<b>Use of the scientific method</b>
<b>Energy and its Forms</b>	Change	Energy Transformations Consequences	Globalization and Sustainability	Changing the form of energy in daily life determines life as we know it, impacting the consequences from humans on the environment.	<u>A. Knowing and Understanding</u>  <u>D. Reflecting on the impacts of science</u>	<b>Thinking Skills</b>  <b>Research Skills</b>	<b>Forms of Energy</b>

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<p><b>Atmosphere/Climate and Global Patterns</b></p>	<p>Systems</p>	<p>Environment Consequences</p>	<p>Scientific and Technical Innovation</p>	<p>Systems enable societies to observe patterns in weather and climate systems and analyze environmental consequences.</p>	<p><u>D Reflecting on the impacts of science</u></p>	<p><b>Communication</b></p> <p><b>Organization Skills</b></p> <p><b>Research</b></p> <p><b>Thinking</b></p>	<p><b>Weather and Climate patterns</b></p>
<p><b>Plate Tectonics</b></p>	<p>Change</p>	<p><b>Evidence Interaction</b></p>	<p>Orientation in Space and time</p>	<p>Evidence of geological changes and interactions within and on Earth leads to new discoveries over time.</p>	<p><u>B Inquiring and designing</u></p> <p><u>C Processing and evaluating</u></p>	<p><b>Thinking Skills</b></p> <p><b>Research skills</b></p>	<p><b>Plate Tectonics Theory of Continental Drift</b></p>