

**Ottawa Islamic School**

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**Teacher: Ghezlane Aidi | Lesson Plan /Week 4: Feb 24-28|Class: 9 Code:CGC1W**

|                         | Monday                                                                                                                                                                                                                                                                                                                                                        | Tuesday                                                                                                                                                                                                                                                                                                                                                                                                     | Wednesday                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Friday                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| <b>Unit/<br/>Lesson</b> | <b>Unit 2/Lesson 3<br/>Introduction to<br/>Canada's<br/>Geologic History</b>                                                                                                                                                                                                                                                                                  | <b>Unit 2/ Lesson 3<br/>Continuation of<br/>Canada's Geologic<br/>History + Earth<br/>Layers</b>                                                                                                                                                                                                                                                                                                            | <b>Unit 2/ Lesson 4<br/>Introduction to<br/>Climate /Climate in<br/>Canada</b>                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Unit 2/ Lesson 4<br/>Continuation of<br/>Climate in Canada</b>                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Big Ideas</b>        | <p>1-The Earth's crust is divided into tectonic plates that move due to convection currents in the mantle.</p> <p>2-Canada's landforms were shaped by plate movements, causing earthquakes, volcanoes, and the formation of mountains.</p> <p>3- Tectonic Plates are made up of continental and oceanic crust, they help explain most geologic processes.</p> | <p>1-The Earth's crust is divided into tectonic plates that move due to convection currents in the mantle.</p> <p>2-Canada's landforms were shaped by plate movements, causing earthquakes, volcanoes, and the formation of mountains.</p> <p>3-Earth is made up of distinct layers, each with unique properties that work together to shape our planet's structure and influence geological processes.</p> | <p>1- Climate is the long-term pattern of weather conditions in a region, while weather refers to short-term atmospheric changes.</p> <p>2- Canada has two main climate types: maritime (coastal) and continental (inland).</p> <p>3- Climate is influenced by several factors, summarized by the acronym <b>LOWERN</b> (Latitude, Ocean Currents, Wind &amp; Air Masses, Elevation, Relief, Nearness to Water).</p> <p>4-Understanding climate helps explain variations in</p> | <p>1- Climate is the long-term pattern of weather conditions in a region, while weather refers to short-term atmospheric changes.</p> <p>2- Canada has two main climate types: maritime (coastal) and continental (inland).</p> <p>3- Climate is influenced by several factors, summarized by the acronym <b>LOWERN</b> (Latitude, Ocean Currents, Wind &amp; Air Masses, Elevation, Relief, Nearness to Water).</p> <p>4-Understanding climate helps explain variations in temperature and</p> |

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|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                    | temperature and precipitation across Canada.                                                                                                                                                                                                                                                                                                                                                                                  | precipitation across Canada.                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Learning Goals</b>           | <p>1-Understand the structure of the Earth and explain how convection currents in the mantle drive the movement of tectonic plates.</p> <p>2-Describe how plate tectonics have shaped Canada's landforms, including the formation of mountains, earthquakes, and volcanic activity.</p> <p>3-Differentiate between continental and oceanic crust and explain how their interactions result in various geologic processes.</p> | <p>1-Describe how plate tectonics have shaped Canada's landforms, including the formation of mountains, earthquakes, and volcanic activity.</p> <p>2- students will be able to identify and describe the Earth's layers (crust, mantle, outer core, and inner core) and explain their composition, temperature, and role in Earth's structure.</p> | <p>1-Identify the difference between weather and climate and explain why it matters.</p> <p>2-Differentiate between maritime and continental climates in Canada based on temperature and precipitation.</p> <p>3-Explain the six factors of climate (LOWERN) and how they influence different regions of Canada.</p> <p>4-Interpret climate graphs to determine whether a location has a maritime or continental climate.</p> | <p>1-Identify the difference between weather and climate and explain why it matters.</p> <p>2-Differentiate between maritime and continental climates in Canada based on temperature and precipitation.</p> <p>3-Explain the six factors of climate (LOWERN) and how they influence different regions of Canada.</p> <p>4-Interpret climate graphs to determine whether a location has a maritime or continental climate.</p> |
| <b>Instructional Strategies</b> | <b>- Direct Instruction:</b><br>Reading pages 110-116 from textbook and answering questions                                                                                                                                                                                                                                                                                                                                   | <b>Direct Instruction:</b><br>Students watch a video about the formation of landforms<br><b>Worksheet:</b><br>Students do a                                                                                                                                                                                                                        | <b>Direct Instruction –</b><br>Use a PowerPoint presentation to introduce key concepts, including definitions and the LOWERN acronym.                                                                                                                                                                                                                                                                                         | <b>Direct Instruction –</b><br>Use a PowerPoint presentation to introduce key concepts, including definitions and the LOWERN acronym.                                                                                                                                                                                                                                                                                         |

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|                                  |                                                                               | worksheet about earth layers and their composition  | <b>Multimedia (Video-Based Learning)</b> – Show a short video explaining the factors affecting climate in Canada.<br><br><b>Guided Discussion (Think-Pair-Share)</b><br><br>Ask students to predict how climate varies across Canada.<br><br>Have them discuss why some regions have more extreme weather. | <b>Multimedia (Video-Based Learning)</b> – Show a short video explaining the factors affecting climate in Canada.<br><br><b>Guided Discussion (Think-Pair-Share)</b><br><br>Ask students to predict how climate varies across Canada.<br><br>Have them discuss why some regions have more extreme weather. |
| <b>Assessment / Evaluation</b>   | Evaluating students' answers                                                  | Evaluating students' answers                        | Summative: Worksheet on the LOWERN climate factors.                                                                                                                                                                                                                                                        | Summative: Worksheet on the LOWERN climate factors.                                                                                                                                                                                                                                                        |
| <b>Homework / Class Work</b>     | Ask students to work in pairs and answer comprehension questions on textbook. | Ask students to work on the worksheets individually | Students have to do the worksheet and submit their work through Google Classroom                                                                                                                                                                                                                           | Students have to do the worksheet and submit their work through Google Classroom                                                                                                                                                                                                                           |
| <b>Materials &amp; Resources</b> | White board<br>Textbooks                                                      | worksheets<br>Projector<br>PowerPoint               | Whiteboard & Markers<br>Textbooks<br>Worksheets on climate factors<br>Projector & PowerPoint Slides                                                                                                                                                                                                        | Whiteboard & Markers<br>Textbooks<br>Worksheets on climate factors<br>Projector & PowerPoint Slides                                                                                                                                                                                                        |

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| Overall Expectations  |                 |  |  |  |
| Specific Expectations |                 |  |  |  |
| Success Criteria      |                 |  |  |  |