

Ottawa Islamic School

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Teacher: Ghezlane Aidi | Lesson Plan /Week 5: Mar 3 -7|Class: 9 Code:CGC1W

	Monday	Tuesday	Wednesday	Friday
Unit/ Lesson	Computer Lab Group Work on Canada's Climate Regions/ presentation	Unit 2/ Lesson 6 Soil and Vegetation in Canada	Unit 2/ Lesson 6.1 Weathering Process	Unit 2/ Lesson 6.2 Natural Vegetation Regions of Canada
Big Ideas		1-Soil is composed of four main components: minerals, organic materials, air, and moisture. 2-Weathering (mechanical, chemical, and biological) contributes to soil formation. 3-There is a strong connection between soil quality and vegetation, influencing ecosystems and agriculture. 4-Human activities such as deforestation and pollution impact soil health.	1-Weathering is the process that breaks down rocks into smaller pieces. 2-There are three types of weathering: mechanical, chemical, and biological. 3-Weathering plays a crucial role in landscape formation and soil creation.	1-Natural vegetation consists of plants that grow without human interference. 2-Climate and soil influence the type of vegetation in a region. 3-Canada has seven natural vegetation regions, each with unique characteristics.

Learning Goals		1-Define soil and explain its four components. 2-Understand how weathering contributes to soil formation. 3-Explain the relationship between soil and vegetation in Canada. 4-Discuss threats to soil and ways to protect it.	1-Define weathering and explain its three types. 2-Identify real-world examples of mechanical, chemical, and biological weathering. 3-Understand how weathering affects landscapes and ecosystems.	1-Identify and describe the seven natural vegetation regions in Canada. 2-Understand how climate and soil impact vegetation. 3-Explain the importance of natural vegetation in ecosystems.
Instructional Strategies		Warm-up Discussion: <i>What comes to mind when you hear the word "soil"?</i> Direct Instruction: Explain the four components of soil. Introduce the role of weathering in soil formation	Hands-on Activity (Matching Exercise): Students match weathering types to real-world examples (e.g., freeze-thaw action, acid rain, tree roots breaking rocks).	Direct Instruction: Introduce natural vegetation and its connection to climate and soil. Explain the seven natural vegetation regions in Canada. Graphic Organizer (Comparative Learning): Create a table comparing the climate, vegetation, and wildlife in each region.
Assessment / Evaluation		Summative: Homework on soil and vegetation connection in a Canadian region.	Formative: Discussion participation.	Formative:Class discussions and participation.

			Matching activity responses.	Table comparing vegetation regions.
Homework / Class Work		Research a Canadian region and explain how its soil and vegetation are connected (5-6 sentences).	Research and provide an example of weathering in Canada, explaining the type and effects.	Research and summarize a Canadian vegetation region (5-6 sentences).
Materials & Resources		worksheets Projector PowerPoint	PowerPoint Presentation Matching activity sheets	PowerPoint Presentation Whiteboard & Markers Images/Videos of vegetation regions Worksheets for note-taking
	▼ Office Only ▼			
Overall Expectations				
Specific Expectations				
Success Criteria				