

# Physical Patterns in a Changing World

*Grade 7 IT, Grade 7 Geography*

The Earth's physical features are a result of natural processes, and sometimes, a consequence of human activities.

## **LEARNING GOALS:**

Study one of Earth's physical features, natural processes, or a human activity that impacts the Earth's features. How and why do they occur? What impact is there on the environment and humans? (*Geography A1.1, A2.1, A2.2, A2.5, A3.1, A3.2, A3.5, A3.7, A3.10*)

Create an infographic using an app of your choice to display this information, using the established success criteria. (*Writing 2.1, 3.7, 3.8, Media 3.4*)

## **TOPICS:**

Choose ONE of the topics below to study (read all of the topics given below before deciding):

- Choose from ONE of the following **physical features**:
  - Rivers, Mountains, Valleys, Canyons, Wetlands
- Answer the following questions:
  - ✓ Describe the physical feature
  - ✓ Give a specific example in the world, with a map
  - ✓ How is it formed and shaped? How does it change over time?
  - ✓ Why is the physical feature important to the environment and/or humans?
  - ✓ What impact have humans had on this feature?

**OR**

- Choose from ONE of the following **natural processes**:
  - Volcanoes, Earthquakes, Tornadoes, Hurricanes, Tsunamis, El Nino/La Nina
- Answer the following questions:
  - ✓ Describe the natural process
  - ✓ Give a specific example in the world, with a map
  - ✓ How does it occur?
  - ✓ What impact does this process have on the environment?
  - ✓ What impact does this process have on humans?

**OR**

- Choose from ONE of the following **human activities**:
  - Mining, Dams, Logging, Land reclamation, Irrigation
- Answer the following questions:
  - ✓ Describe the human activity
  - ✓ Give a specific example in the world, with a map
  - ✓ How does it occur?
  - ✓ What impact does this activity have on the environment?
  - ✓ What impact does this activity have on humans?