

Geography Alive: Stage 2 (Topic 2: The Earth's Environment)

Lesson 3: Mountains		
<p>Content focus:</p> <p>In this lesson, students are introduced to the processes responsible for the physical characteristics of the Earth's surface. In this instance, we focus on mountain building processes. In doing so, students have the opportunity to investigate one of the world's great mountain ranges.</p>		<p>Resources:</p> <ul style="list-style-type: none"> • YouTube video clip: <i>How the Himalayas Were Formed</i> [https://www.youtube.com/watch?v=ICzKCLA9Sxo] • YouTube video clip: <i>Formation of Himalayas HD</i> [https://www.youtube.com/watch?v=PDrMH7RwupQ] • Resources Sheet 1: Mountains • PowerPoint Presentation 1 from Lesson 2(Slides 5–7) • Student Worksheet 1 from Lesson 2 (Activity 4) • Access to a computer or iPad
<p>Key inquiry questions:</p> <ul style="list-style-type: none"> • What are the key processes shaping the physical character of the Earth's surface? • How is the movement of the earth's crustal plates are linked to mountain building? 	<p>Outcomes:</p> <p><i>A student:</i></p> <ul style="list-style-type: none"> • identifies and describes, in simple terms, the process of mountain building and its role in the determining the characteristics of places and environments • interpret world maps and satellite images • acquires and communicates geographical information using geographical tools for inquiry. 	<p>Lesson sequence:</p> <ul style="list-style-type: none"> • Step 1: Using an appropriate YouTube video (perhaps one of those listed above), introduce students to the processes responsible for the formation of the Himalayas. PowerPoint 1 (Lesson 2) (Slide 5) and Resource Sheet 1 can be used to help facilitate this explanation. • Step 2: Show students the world map on Slide 6 of PowerPoint 1 (Lesson 2). Explain to students that various shades of brown are used on the to illustrate the world's mountain ranges. The explanation can also be assisted by referring students to the satellite image of Earth on Slide 7. This slide not only highlights the location of mountain ranges, it also shows the world's arid regions of the world, those areas covered in forest vegetation and the planet's ice sheets. • Step 3: Ask students to complete Activity 4 on Worksheet 1 (Lesson 2). • Step 4: Using the internet or library resources investigate one of the mountain ranges named on Slide 6 of PowerPoint 1 (Lesson 2). In doing so, students are encouraged to answer the following questions: <ul style="list-style-type: none"> – Where is the mountain range located? – In what county/countries is the mountain range located? – How was the mountain range formed? – What plants and animals make their home in the mountains? – Do people live in the mountains? If so, how do they use the land to support their way of life? • Step 5: Students have the opportunity to present their findings in either an oral or written form.