

WST Travel

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5-day Geography Tour to Iceland

Pearson Edexcel GCSE Geography B - Component 1: Topic 1: Hazardous Earth

Endorsement Statement

To ensure high-quality support for the Pearson qualification, this resource has been reviewed by the awarding body. The review confirms it fully covers the relevant specification content, balancing subject skills, knowledge, understanding, and assessment preparation.

Endorsement excludes guidance on assessment activities or methods (e.g., practice questions) and does not prescribe specific teaching approaches. The official specification and assessment guidance remain the authoritative sources for definitive information.

Pearson examiners have not contributed to exam-related sections, nor will endorsed resources be used to create assessments. Endorsement does not imply this resource is required or the only suitable option; other resources may also support the qualification.





Day 1	Programme	Key Themes
	Arrive at UK airport for flight to Iceland.	
	Prior to arriving at the airport, our airport agency’s representative will call you to agree a meeting point in the terminal building. The representative will assist with your group check-in and directing and assisting your group through security.	
	Flight departs - Flight Number	
Evening	Transfer to accommodation & check-in. Dinner in accommodation	

Day 2	Programme	Key Themes
	Following breakfast, collect packed lunches and depart the hotel. Group to meet local Specialist Geography guide for the Golden Circle Tour.	
	<p>The Secret Lagoon: What better way to start off your day that a relaxing soak outdoors in the warm waters of Iceland’s oldest swimming pool formed by the area’s hot springs. There are new changing facilities, a café and viewing decking.</p> <p>Thingvellir National Park & Visitors Centre – set foot down into the rift between the North American and Eurasian plates and learn much about Iceland’s past at this historic site.</p> <p>Gullfoss - an opportunity to view this site with its two waterfalls, with a combined drop of 32 metres, and the impressive Gullfossgjúfur canyon.</p>	<p>Tectonic activity: <i>The causes and impact of tectonic activity. What are the possible uses of geothermal energy? How has it been harnessed in a sustainable manner?</i></p> <p>Tectonic activity: <i>The causes and impact of tectonic activity. The layered structure of the Earth. What are tectonic plates? What activities occur around plate boundaries and why? What are Convergent, Divergent and Conservative plate boundaries and how do they differ? How the core’s internal heat source generates convection</i></p> <p>Climate change: <i>What geographical features can be identified in the landscape? What factors created the falls and the canyon? When was it formed?</i></p>



	<p>Haukadalur geothermal area- your chance to study hot springs, fumaroles, mud pots and geysers, including the famous Great Geysir and the active Strokkur, in action.</p> <p>Kerid Crater - this volcanic crater lake is believed to be a collapsed magma chamber from a volcanic eruption that occurred more than 6,000 years ago.</p>	<p>Tectonic activity: <i>The causes and impact of tectonic activity. The Earth's internal heat source. Why are these features present in the Haukadalur valley?</i></p> <p>Tectonic activity: Causes of contrasting volcanic and earthquake hazards. What happened at this site to cause this crater type?</p>
Evening	<p>Arrive back at the hotel for your evening meal</p> <p>Evening at leisure.</p>	

Day 3	Programme	Key Themes
	<p>Following breakfast, collect packed lunches and depart the hotel. Group to meet local Specialist Geography guide for the Wonders of Reykjanes Peninsular tour.</p>	
	<p>Hvergerdi Geothermal Park - this area of geothermal activity where the students also get chance to boil an egg in the earth.</p> <p>Quake 2008 - Dedicated to a local earthquake in 2008 where students, in fours, will experience a short simulator which recreates the earthquake measuring 6.8 on the Richter scale.</p> <p>Krýsuvík – this impressive geothermal area is the location of impressive mud pools and hot springs.</p> <p>Back on your coach you will pass the 45 m deep</p>	<p>Tectonic activity: <i>The causes and impact of tectonic activity. What features are present in Hvergerdi and why are they here? The use and management of activity by the local community.</i></p> <p>Tectonic activity: <i>The exposure of people to risks and their ability to cope with tectonic hazards changes over time; Primary and secondary impacts of earthquakes or volcanoes on property and people. Prompts discussions of short term relief and supply.</i></p> <p>Tectonic activity: <i>What features of tectonic activity are present in Krýsuvík and why are they here?</i></p>



<p>Graenesvatn (green lake) dyed a seafoam green due to the amount of sulphur in it and Lake Kleifarvatn that has no visible surface drainage but whose levels dropped dramatically in a 2008 eruption. Nearby there's also nearby pillow to see.</p> <p>Reykjannes Fissure Eruptions Area - fissure eruptions in the last few years including November 2024 have made headlines particularly around the town of Grindavík and the Blue Lagoon. You will drive through safe zones of the area with your expert guide seeing fresh, smoking lava fields, impact on properties, roads and people.</p> <p>Brimketill lava rock pool - This large natural lava rock pool sits at the bottom of a cliff at the ocean's edge, carved by the pounding of waves against soft lava rocks.</p> <p>Gunnunver - in this geothermal area you can watch the boiling salt-water mud pools and vibrant escaping steam from a viewing platform.</p> <p>Reykjanesviti lighthouse - take in the magnificent coastline and dramatic breaking waves from this working lighthouse perched on a volcanic cone, Enjoy the 360- degree panorama from the cliff tops.</p> <p>The Bridge Between the Continents - Step out on the which connects the American and Eurasian tectonic plates - another great site and photo opportunity.</p> <p>Additional options</p> <p>The Perlan Centre - with its excellent exhibitions and; 100m long Ice Cave, made from over 350 tons of snow and the first of its kind in the world.</p>	<p>Tectonic activity: Primary and secondary impacts of earthquakes</p> <p>Tectonic activity: The causes and impact of contrasting tectonic activity. Primary and secondary impacts of earthquakes or volcanoes on property and people Management of volcanic or earthquake hazards, in a developed country.</p> <p>Tectonic activity: Primary and secondary impacts of volcanoes. What coastal processes have occurred here?</p> <p>Tectonic activity: What features of tectonic activity are present in Gunnunver and why are they here?</p> <p>Costal landscapes: What processes have created, and continue to shape, the landscape of the Reykjanes Peninsular?</p> <p>Tectonic activity: The layered structure of the Earth. Distribution and characteristics of the three plate boundary types. What activities occur around plate boundaries and why? What are Convergent, Divergent and Conservative plate boundaries and how do they differ?</p>
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Evening	Arrive back at the hotel Evening meal at the hotel Evening at leisure.	
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Day 4	Programme	Key Themes
	Following breakfast, collect packed lunches and depart the hotel. Group to meet local Specialist Geography guide for the South Shore tour .	
	<p>Lava tunnel Tour- Explore the magnificent lava tunnel Raufarhólshellir, one of the longest and best-known lava tubes in Iceland in easy to navigate guided tour</p> <p>Seljalandsfoss – visit one of Iceland’s most beautiful waterfalls where you will have a chance to walk behind the falls itself, the perfect photographic opportunity.</p> <p>Skógafoss - see where the Skógá River tumbles over cliffs of the former coastline, a coastline that now lies roughly 5 kilometres away.</p> <p>Sólheimajökull -one of Iceland’s most accessible glaciers. It's just a short 10-minute walk from the carpark to the glacier lagoon, where you'll be met by an impressive view of the glacier wall itself and its retreat up high into the valley behind.</p> <p>Reynisfjara - walk along the black volcanic beaches where you will have a chance to see the impressive basalt columns formed from cooled volcanic eruptions and the wonderful sea stacks at the site.</p>	<p>Tectonic activity: <i>What causes volcanic activity? Why does Iceland have so many active volcanoes. Managing the impact of volcanic or earthquake hazards.</i></p> <p>Climate change and Coastal landscapes: <i>What type of waterfall is Seljalandsfoss and how do its origins differ from Skógafoss?</i></p> <p><i>What type of waterfall is Skógafoss?</i> <i>What is isostatic rebound and how has it changed the landscape around the falls?</i></p> <p>Climate change & Tectonic activity: <i>What is a glacier and how is it formed? Why is Sólheimajökull stained black and what does this tell us about earlier tectonic activity? What factors are causing the glacier to retreat?</i></p> <p>Coastal landscapes: <i>What processes have created the landscape of the south shore? How have the various rocks present at Reynisfjara been affected by erosion?</i></p>



Day 5	Programme	Key Themes
	<p>Following breakfast, collect packed lunches and depart the hotel. Group to meet local Specialist Geography guide. <i>Visits subject to time of return flight</i></p>	
	<p>Hellisheidi Power Station: Visit and learn about this impressive site with its modern Geothermal Exhibition and viewpoints out over the facility.</p>	<p><i>Tectonic activity:</i> <i>The use and management of geothermic activity by the local community. What are the possible uses of geothermal energy? How has it been harnessed in a sustainable manner? Latest developments in energy technology.</i></p>
	<p>Transfer to Keflavik (Terminal Main) airport for your return flight. On your return to the UK you will again be met by an airport agencies representative who will assist with escorting the group through immigration and direct you to baggage reclaim.</p>	

