



Armfield Academy – Department of Geography

Year 10 Curriculum Overview



Half Term 1

Date	Enquiry Question(s) – What is the impact of climate on tropical rainforests? / What is the impact of cold environments on Alaska?		
	Lesson 1	Lesson 2	Lesson 3
Week 1	INSET	INSET	Create Books, Overview of Course, Expectations and Routines
Week 2	What is an ecosystem?	What is the environmental impact on the nutrient cycle?	Where are ecosystems found in the world?
Week 3	What are the characteristics of tropical rainforests?	How do plants and animals adapt to the conditions?	Application Time: Animal and plant adaptations (6 marks)
Week 4	Feedback Why are rainforests being cut down?	What are the causes of deforestation in Malaysia?	What are the impacts of deforestation?
Week 5	How can deforestation be managed?	Application Time: Causes & impacts of deforestation (6 marks)	Feedback What is a cold environment?
Week 6	How have plants adapted to the poor soils in Alaska?	How have animals adapted to the cold environment?	What are the opportunities for development in Alaska?
Week 7	What are the challenges for development in Alaska?	Application Time: To what extent... (9 marks)	Feedback What management strategies are used in Alaska?

Half Term 2

Date	Enquiry Question(s) – What is the impact of cold environments on Alaska? / What are the effects and responses to tectonic hazards? / Why are weather hazards becoming more regular?		
	Lesson 1	Lesson 2	Lesson 3
Week 1	What value do tropical rainforests and cold environments hold?	End of Enquiry Assessment	Feedback What are plate tectonics and margins (1)
Week 2	What are plate tectonics and margins (2)	Where are tectonic features found?	Why do earthquakes occur?
Week 3	How do shield volcanoes form?	How do composite volcanoes form?	Application Time: Comparison between volcanoes (6 marks)
Week 4	Feedback What were the effects of the Nepal earthquake?	What were the responses to the Nepal earthquake?	What were the effects of the New Zealand earthquake?
Week 5	What were the responses to the New Zealand earthquake?	Application Time: Comparison between earthquakes (9 marks)	Feedback How can management reduce the impact?
Week 6	Application Time: 3P's (6 marks)	Feedback What are weather hazards?	How do tropical storms form?
Week 7	What happened in Typhoon Haiyan?	Application Time: Typhoon Haiyan (9 marks)	Feedback What are the weather hazards in the UK?

Half Term 3

Date	Enquiry Question(s) – Why are weather hazards becoming more regular? / How is climate change being managed? / How are rivers changing from source to mouth?		
	Lesson 1	Lesson 2	Lesson 3
Week 1	How is extreme weather managed?	Application Time: Extreme Weather (6 marks)	Feedback What evidence is there of climate change?
Week 2	What are the causes of climate change?	How is climate change impacting people and the environment?	Application Time: Causes and Impacts of climate change (6 marks)
Week 3	Feedback How is climate change managed with mitigation and adaptation?	How might climate change impact tropical storms in the future?	End of Enquiry Assessment
Week 4	Feedback Where are the upland and lowland areas of the UK?	What is the long and cross profile of a river?	What impact does erosion have in rivers?
Week 5	How does transportation and deposition affect a river?	Application Time: River processes (1-3 marks)	How do waterfalls and gorges form?
Week 6	How do V-shaped valleys and interlocking spurs form?	How do meanders and oxbow lakes form?	How do floodplains and levees form?

Half Term 4

Date	Enquiry Question(s) – How are rivers changing from source to mouth? / How is river flooding managed in the UK? / Why do physical landforms form along the coastline?		
	Lesson 1	Lesson 2	Lesson 3
Week 1	What are estuaries?	What do river features look like on a map?	Application Time: River landforms (6 marks)
Week 2	Feedback Reteach Week	Reteach Week	Reteach Week
Week 3	What are the causes of river flooding?	What is a hydrograph?	How does hard engineering prevent river flooding?
Week 4	How does soft engineering prevent river flooding?	What were the causes of flooding in Cockermouth?	What are the impacts of strategies used in Cockermouth?
Week 5	Application Time: Hard vs Soft Engineering (6 marks)	End of Enquiry Assessment	Feedback What are the different types of waves?

Half Term 5

Date	Enquiry Question(s) – Why do physical landforms form along the coastline? / How is coastal flooding reduced?		
	Lesson 1	Lesson 2	Lesson 3
Week 1	How do erosion and weathering affect the coastline?	How does longshore drift work?	How do headlands and bays form?
Week 2	How do cliffs and wave-cut platforms form?	How do caves arches, stacks and stumps form?	Application Time: Landforms of erosion (6 marks)
Week 3	Feedback Why does deposition form beaches and sand dunes?	How do spits and bars form?	Application Time: Landforms of deposition (6 marks)
Week 4	Feedback How are coastal landforms represented on OS maps?	How is hard engineering reducing the risk of coastal flooding?	How is soft engineering reducing the risk of coastal flooding?
Week 5	How are management strategies protecting Blackpool?	Application Time: River Flooding (6 marks)	End of Enquiry Assessment
Week 6	Feedback Revision	Revision	Revision
Week 7	Revision	Revision	Revision

Half Term 6

Date	Enquiry Question(s) – ‘Liverpool One has improved Liverpool City Centre’		
	Lesson 1	Lesson 2	Lesson 3
Week 1	Y10 Mock Exams	Y10 Mock Exams	Y10 Mock Exams
Week 2	Y10 Mock Exams	Y10 Mock Exams	Y10 Mock Exams
Week 3	Y10 Work Experience	Y10 Work Experience	Y10 Work Experience
Week 4	Human Geography Fieldwork	Human Geography Fieldwork	Human Geography Fieldwork
Week 5	Human Geography Fieldwork	Human Geography Fieldwork	Human Geography Fieldwork
Week 6	Human Geography Fieldwork	Human Geography Fieldwork	Human Geography Fieldwork
Week 7	End of Year Review	End of Year Review	End of Year Review