



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? / What are the effects and responses to tectonic hazards?		
	Lesson 1	Lesson 2	Lesson 3
Week 1	What is an ecosystem?	What is the environmental impact on the nutrient cycle?	Where are ecosystems found in the world?
Week 2	What are the characteristics of tropical rainforests?	How do plants and animals adapt to the conditions?	Why are rainforests being cut down?
Week 3	What are the causes of deforestation in Malaysia?	What are the impacts of deforestation?	How can deforestation be managed?
Week 4	Application Time: Deforestation (6 marks)	Feedback	What is a cold environment?
Week 5	How have animals adapted to the cold environment?	What are the opportunities for development in Alaska?	How have plants adapted to the poor soils in Alaska?
Week 6	Application Time: To what extent.... (9 marks)	Feedback	What are the challenges for development in Alaska?
Week 7	End of Enquiry Assessment	Feedback	What management strategies are used in Alaska?
			What value do tropical rainforests and cold environments hold?
			What are plate tectonics and margins? (1)
			What are plate tectonics and margins? (2)

Half Term 2

Date	Enquiry Question(s) – What are the effects and responses to tectonic hazards? / Why are weather hazards becoming more regular? / How is climate change being managed?		
	Lesson 1	Lesson 2	Lesson 3
Week 1	Where are tectonic features found?	Why do earthquakes occur?	How do shield volcanoes form?
Week 2	How do composite volcanoes form?	Application Time: Comparison between volcanoes (6 marks)	Feedback
Week 3	What were the responses to the Nepal earthquake?	What were the effects of the New Zealand earthquake?	What were the effects of the Nepal earthquake?
Week 4	Application Time: Comparison between earthquakes (9 marks)	Feedback	What were the responses to the New Zealand earthquake?
Week 5	Feedback	How can management reduce the impact?	End of Enquiry Assessment
Week 6	What are weather hazards?	How do tropical storms form?	What happened in Typhoon Haiyan?
Week 7	What are the weather hazards in the UK?	How is extreme weather managed?	Application Time: To what extent... (9 marks)
	Feedback	What evidence is there of climate change?	How is climate change impacting people and the environment?
		What are the causes of climate change?	

Half Term 3

Date	Enquiry Question(s) – How is climate change being managed? / How do rivers change from source to mouth?		
	Lesson 1	Lesson 2	Lesson 3
Week 1	How is climate change managed with mitigation and adaptation?	How might climate change impact tropical storms in the future?	End of Enquiry Assessment
Week 2	Feedback	Where are the upland and lowland areas of the UK?	What impact does erosion have in rivers?
Week 3	How does transportation and deposition affect a river?	What is the long and cross profile of a river?	Feedback
Week 4	How do V-shaped valleys and interlocking spurs form?	Application Time: River processes (1-3 marks)	How do waterfalls and gorges form?
Week 5	How do meanders and oxbow lakes form?	What are estuaries?	How do floodplains and levees form?
Week 6	Feedback	What do river features look like on a map?	Application Time: How do rivers change from source to mouth?
	Mid-Year Review	Mid-Year Review	Mid-Year Review

Half Term 4

Date	Enquiry Question(s) – 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 the causes of river flooding?	What is a hydrograph?	How does hard engineering prevent river flooding?
Week 2	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 3	Application Time: How is river flooding managed in the UK?	End of Enquiry Assessment	Feedback
Week 4	How do erosion and weathering affect the coastline?	What are the different types of waves?	How do headlands and bays form?
Week 5	How do cliffs and wave-cut platforms form?	How does longshore drift work?	Application Time: Landforms of erosion
		How do caves arches, stacks and stumps form?	

Half Term 5

Date	Enquiry Question(s) – Why do physical landforms form along the coastline? / What opportunities and challenges does the changing demand for resources create?		
	Lesson 1	Lesson 2	Lesson 3
Week 1	Feedback Why does deposition form beaches and sand dunes?	How do spits and bars form?	How are coastal landforms represented on OS maps?
Week 2	How is hard engineering reducing the risk of coastal flooding?	How is soft engineering reducing the risk of coastal flooding?	How are management strategies protecting Blackpool?
Week 3	Application Time: Why do physical landforms form along the coastline?	End of Enquiry Assessment	Feedback How are the global resources of food, water and energy distributed?
Week 4	What opportunities and challenges does food provision present to the UK?	What opportunities and challenges does water provision present to the UK?	What opportunities and challenges does energy provision present to the UK?
Week 5	Why is the demand for energy increasing?	What are the impacts of energy insecurity?	Do fossil fuels present more problems than benefits?
Week 6	How is it possible to move to a sustainable future?	How has wind energy helped Chambamontera provide sustainable energy?	End of Enquiry Assessment

Half Term 6

Date	Enquiry Question(s) – “Liverpool One has improved Liverpool City Centre”		
	Lesson 1	Lesson 2	Lesson 3
Week 1	Revision	Revision	Revision
Week 2	Y10 Mock Exams	Y10 Mock Exams	Y10 Mock Exams
Week 3	Y10 Mock Exams	Y10 Mock Exams	Y10 Mock Exams
Week 4	Y10 Work Experience	Y10 Work Experience	Y10 Work Experience
Week 5	Human Geography Fieldwork	Human Geography Fieldwork	Human Geography Fieldwork
Week 6	Human Geography Fieldwork	Human Geography Fieldwork	Human Geography Fieldwork
Week 7	Human Geography Fieldwork	Human Geography Fieldwork	Human Geography Fieldwork
Week 8	End of Year Review	End of Year Review	End of Year Review