



**Armfield Academy – Department of Geography**  
**2024-25 Year 10 Scheme of Work (Curriculum Overview)**



**Half Term 1**

**Enquiry Question(s) – How is Costa Rica’s tropical rainforest managed? / What are the opportunities and challenges to development in Alaska? / How do rivers change from source to mouth?**

Lesson 1

Lesson 2

Lesson 3

INSET

INSET

What are the features of Haigh Hall’s ecosystem?

What is the environmental impact of the nutrient cycle?

Where are the worlds ecosystems?

Why is the biodiversity of tropical rainforests important?

Why are soils poor in tropical rainforests?

How are plants adapted to the climate and soils of tropical rainforests?

How are animals adapted to survive in tropical rainforests?

What are the causes of deforestation in Costa Rica?

What is the impact of deforestation in Costa Rica?

How is deforestation managed in Costa Rica?

Review: How is Costa Rica’s tropical rainforest managed?

End of Enquiry Assessment

Feedback

What is a cold environment?

How are plants adapted to the poor soils and climate of Alaska?

How are animals adapted to the poor climate of Alaska?

What are the opportunities for development in Alaska?

What are the challenges to development in Alaska?

How is Alaska managed to prevent environmental damage?

What is the value of Costa Rica and Alaska?

Review: What are the opportunities and challenges to development in Alaska?

End of Enquiry Assessment

Feedback

Where are the upland and lowland areas of the UK found?

**Half Term 2**

**Enquiry Question(s) – How do rivers change 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

What is the long and cross profile of a river?

What impact does erosion have in rivers?

How does transportation and deposition affect a river?

How do waterfalls and gorges form?

How do V-shaped valleys and interlocking spurs form?

How do meanders and oxbow lakes form?

How do floodplains and levees form?

What are estuaries and what do they look like on an OS map?

Review: How do rivers change from source to mouth?

End of Enquiry Assessment

Feedback

What are the causes of river flooding?

What is a hydrograph?

How does hard engineering prevent river flooding?

How does soft engineering prevent river flooding?

What were the causes of flooding in Cockermouth?

What are the impacts of strategies used in Cockermouth?

Review: How is river flooding managed in the UK?

End of Enquiry Assessment

Feedback

What are the different types of waves?

How do erosion and weathering affect the coastline?

How does longshore drift work?

**Half Term 3**

**Enquiry Question(s) – Why do physical landforms form along the coastline? / What opportunities and challenges are there in Mumbai’s squatter settlements?**

How do headlands and bays form?

How do cliffs and wave-cut platforms form?

How do caves, arches, stacks and stumps form?

Why does deposition form beaches and sand dunes?

How do spits and bars form?

How are coastal landforms represented on OS maps?

How is hard engineering reducing the risk of flooding?

How is soft engineering reducing the risk of flooding?

How are management strategies protecting Blackpool?

Review: Why do physical landforms form along the coastline?

End of Enquiry Assessment

What are plate tectonics and margins? (1)

What are plate tectonics and margins? (2)

Where are tectonic features found?

Why do earthquakes occur?

How are shield and composite volcanoes formed?

What were the effects and responses to the earthquake in Nepal?

What were the effects and responses to the earthquake in Christchurch?

**Half Term 4**

**Enquiry Question(s) – What opportunities and challenges are there in Mumbai’s squatter settlements? / Why has urbanisation led to opportunities and challenges in Liverpool? Has the regeneration of Blackpool Town Centre had a positive impact on the environment?**

Lesson 1

Lesson 2

Lesson 3

How can management reduce the effect of tectonic hazards?

Review: What are the effects and responses to tectonic hazards?

What are weather hazards?

What are tropical storms and how do they form?

What happened in Haiyan?

What are the weather hazards in the UK?

How is weather managed?

Review

What evidence is there of climate change?

What is causing climate change?

How is climate change impacting people and the environment?

How is climate change managed with mitigation and adaptation?

	Tropical storms and climate change	Review: How is climate change being managed?	Assessment – Paper 1
	Assessment – Paper 1	Revision	Revision
<b>Half Term 5</b>			
	<b>Enquiry Question(s)</b> – What opportunities and challenges are there in Rio's squatter settlements? / Are sea defences working in Clevelleys?		
	Lesson 1	Lesson 2	Lesson 3
	Revision	Revision	Revision
	Revision	Revision	Revision
	Revision	Revision	Revision
	Revision	Revision	Revision
	Revision	Revision	Revision
<b>Half Term 6</b>			
	<b>Enquiry Question(s)</b> – Fieldwork in Liverpool		
	Lesson 1	Lesson 2	Lesson 3
	<b>Year 10 Mock Exams</b>	<b>Year 10 Mock Exams</b>	<b>Year 10 Mock Exams</b>
	<b>Year 10 Mock Exams</b>	<b>Year 10 Mock Exams</b>	<b>Year 10 Mock Exams</b>
	<b>Year 10 Mock Exams</b>	<b>Year 10 Mock Exams</b>	<b>Year 10 Mock Exams</b>
	Revision	Revision	Revision
	<b>Year 10 Work Experience</b>	<b>Year 10 Work Experience</b>	<b>Year 10 Work Experience</b>
	<b>Liverpool One Fieldwork</b>	Fieldwork	Fieldwork
	Fieldwork	Fieldwork	Fieldwork
	Fieldwork	End of Year Trips	Fieldwork