

YEAR 8 GEOGRAPHY – Unit 1 Assessment– Rivers and Flooding/Natural Resources/Map Skills



Why are rivers important?

What you need to Know	😊	😐	😞
To be able to define what rivers are			
To be able to define what the source and mouth of the river are and how these are different.			
To be able to explain why rivers are important to people			
To describe and explain how the water cycle works			
To explain how water flows into rivers			
To define the terms erosion, transportation, deposition			
To be able to explain how rivers erode, transport and deposit material			
To describe and explain how the river changes from source to mouth			
To be able to explain the Bradshaw Model.			
To be able to identify and explain the formation of river landforms – waterfalls			
To be able to identify and explain the formation of river landforms – meanders and ox-bow lakes			
To explain the human and physical causes of flooding			
How do river floods create problems? – Extended writing Task 'Humans are to blame for the flooding in York in 2015' How far do you agree with this statement?'			
To identify and explain the different ways floods can be managed			
To identify and explain the causes, impacts and responses of flooding in Bangladesh			

Keywords

Abrasion	Attrition	Bradshaw Model	Condensation	Corrosion	Evaporation	
Flood plain	Groundwater flow	Hydraulic Action	Infiltrating	Intercepted	Interlocking spurs	
Lateral erosion	Long profile	Meanders	Mouth (of river)	Oxbow lake	Plunge Pool	Precipitation
Transported	River cliff	Slip off slope	Source	Surface runoff	Throughflow	V-shaped valley
			Waterfall	Watershed		

Living off the earth's resources			
1.1 How do we use our planet as a natural resource?			
Define what natural resources are			
State the different earth's spheres and explain how they are interconnected			
Define renewable and non-renewable resources and give examples for each			
1.2 What are rocks and how are they a natural resource?			
Explain how we use rocks as a natural resource			
Describe the qualities of three types of rock – igneous, sedimentary and metamorphic			
Explain how the three rock types, move through the rock cycle changing via the processes of weathering and erosion, melting, compaction, cooling and heat and pressure			
1.3 Why are soils the root of life?			
Outline the various ways in which we rely on soil as a natural resource			
Describe the qualities of the different layers of soil in a soil profile			
Analyse the different opinions on chemical fertilisers			
1.4 How does the biosphere provide natural resources?			
Define an ecosystem			
Explain how water is recycled in the tropical rainforest			
Explain how plants have adapted to the tropical rainforest			
Describe how we use the tropical rainforest ecosystem as a natural resource			
1.5 How does the hydrosphere provide natural resources?			
Outline where the earth's freshwater is stored and how it moves through the water cycle			
Describe how water is provided for domestic and commercial use			
Define the term water scarcity and explain the causes of water scarcity			
1.6 Why is the world so dependent on oil resources?			
Explain how oil is formed and why it is described as a fossil fuel			
Describe the various uses of oil and explain why the world is reliant on oil			
1.7 What natural resources can be used to generate electricity?			
Describe what the national grid is			
Explain how non-renewable energy can be used to create electricity			
Explain how renewable energy can be used to create electricity			

1.8 How can we use natural resources sustainably?	😊	😐	😞
Define the term sustainability			
Explain why renewable energy is described as more sustainable than fossil fuels			
Describe how the UK's future energy supply could be more sustainable			
Map Skills			
	😊	😐	😞
Can do four and six figure grid references on an OS map			
Can use a key and identify symbols on an OS map			
Can understand scale and direction on an OS map			
Can use contours and spot heights to show height on a map			