



Aldryngton Primary School Knowledge Organiser

WHAT ARE THE KEY SIMILARITIES AND DIFFERENCES BETWEEN THE THAMES VALLEY & THE AMAZON BASIN?

Key Vocabulary

Word	Definition	Word	Definition
Amazon River	The Amazon River is the second longest river in the world. It is 6 miles wide at its widest point.	River Thames	The River Thames is 346km long making it the longest river in England.
the Amazon Basin	The area of South America in which rainfall will run into the Amazon River.	The Thames Valley	An area of Southern England surrounding the River Thames
Rainforest	Tropical woodland, found typically in hot climate areas with consistently heavy rainfall.	Thames Barrier	A structure designed to stop flooding in London
climate	The average weather conditions over a long period of time.		<p>Layers of the rainforest</p>
equator	An imaginary circle running round the centre of the earth.		
humid	Feeling very damp due to water vapour in the air.		
species	A group of similar animals or plants		
deforestation	The cutting down and clearing of forests.		
tributary	A river or stream flowing into a larger river or lake.		

How Do We Use Rivers?	Fiction linked to our topic	Useful websites
<p>There are both advantages and disadvantages with how we currently use rivers.</p> <p>For example:</p> <p>Leisure (fishing)</p> <ul style="list-style-type: none"> + Controlled population of fish - May leave litter and pollute the water <p>Industry (factories)</p> <ul style="list-style-type: none"> + Sections of rivers maintained - Chemicals pollute the water and habitats <p>Tourism (walking routes)</p> <ul style="list-style-type: none"> + Conservation and education about local wildlife - Too many people near wildlife habitats 	<p>Journey to the River Sea - Eva Ibbotson</p> <p>Running Wild - Michael Morpurgo</p> <p>The Jungle Book - Rudyard Kipling</p> <p>Asha and the Spirit Bird - Jasbinder Bilan</p> <p>Class novel - The Explorer - Katherine Rundell</p>	<p>https://www.natgeokids.com/uk/discover/geography/physical-geography/amazon-facts/</p> <p>https://kids.kiddle.co/Amazon_River</p> <p>https://www.ducksters.com/geography/worldrivers.php</p> <p>http://www.primaryhomeworkhelp.co.uk/rivers.html</p> <p>http://www.primaryhomeworkhelp.co.uk/riverthames/source.htm</p> <p>https://kids.kiddle.co/River_Thames</p>

Key Places – The Amazon Basin



Key Places – The Thames Valley

The River Thames flows through London, UK but the source of the Thames is at Thames Head in Gloucestershire, and its mouth is at the Thames Estuary, where it flows into the North Sea.



Amazon Rainforest Facts

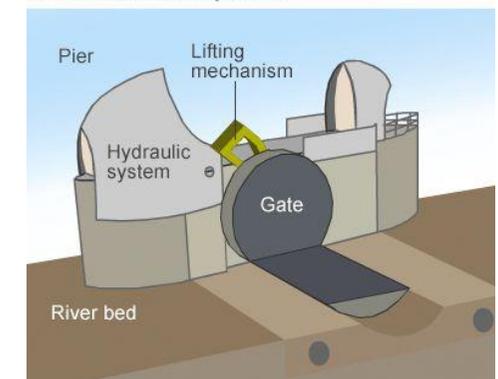
- The Amazon Rainforest is located in the continent of South America.
- The Amazon jungle is the world's largest tropical rainforest (2,100,000 square miles). The forest covers the basin of the Amazon.
- The average temperature for the Amazon rainforest ranges between 18 and 22.4° C.
- The Amazon Rainforest spans across the countries of Brazil, Bolivia, Peru, Ecuador, Colombia, Venezuela, Guyana, and Suriname and French Guiana.
- The trees of the Amazon Rainforest produce more than 20% of the world's oxygen.
- 1/10 of all known plant and animal species on the planet live in the Amazon rainforest.

The Amazon can receive up to 430 inches of rain per year.

The Thames Barrier

The Thames Barrier is a flood defence mechanism that protects London from tidal floods. It can shut off the river within 30 minutes in the event of a dangerous tidal surge. The barrier was built to prevent a repeat of the devastation caused in 1953, when high tides and a storm combined to create a surge of 3.2 meters that killed 307 people and left parts of the U.K. under water.

Thames barrier explained



Manaus



Belem



Oxford



London

