

Rivers and Mountains

A geography based topic

What do you need to know before this topic?

Locate and name key countries in Europe, South America and Africa
 Locate the main rivers in Europe
 Locate the main mountain ranges in Europe
 To understand the differences between physical and human geography
 Understand 4 -figure grid references
 Compare settlements across Europe and South America to those in the UK
 Name and locate the 7 continents and 5 oceans
 Understand how to read and use a map to locate key features of an area

Key Assessment Questions:

What journey does a river take from the source to the mouth?
 What are the key features of a river?
 Name 3 significant rivers from around the world
 How have humans used rivers in the past and what are they used for today?
 How are mountains formed?
 What are their key features of a mountain?
 What is tourism and how can it affect rivers and mountains?
 Name 3 mountain ranges from around the world
 What are contour lines?

Sticky Knowledge:

I know and can explain the journey of a river from the source to the mouth
 I know the key features of a river including source, mouth, meander, oxbow lake, confluence, tributary, waterfalls
 I know and at least 3 significant rivers in the world including Mississippi, Nile, Amazon, Yangtze and/or Volga.
 I know the names of the world's longest rivers which are the Nile, the Amazon and the Yangtze.
 I know that flooding occurs when rainfall is heavy and prolonged.
 I know that mountains are formed when the Earth's crust is pushed up in big folds or forced up or down in blocks.
 I know that tourism in mountain ranges changes through the different seasons.
 I know that the world's most famous mountain ranges are - The Himalayas, Asia. The Rocky Mountains, North America. The Andes, South America. The Ural Mountains, Europe. The Alps, Europe. The Pyrenees, Europe.
 I know that contour lines on a map show the relief and height of the land

Key Vocabulary: river, tributary, source, meander, oxbow lake, estuary, sea, mouth, waterfall, bed, debris, erosion, deposition, transfer, sediment, silt, confluence, delta, reservoir, flood plain, dam, bank, basin, upper course, middle course, lower course, waterfall, gorge, mountain, range, peak, summit, valley, Alps, Andes, Himalayas, Apennines, Urals, tectonic plates, legend, ridge, tree line, snow line, fold, plateau, fault block mountain, dome mountain, slope, outcrop, face, contour, altitude,

Key Skills:

Children will be able to identify the key features of a river.
 Children will understand the differences between the upper, middle and lower course of a river and how its behaviour changes throughout its journey.
 Children will be able to locate some of the most significant rivers in the world.
 Children will be able to compare rivers around the world and understand their role in human geography (trade routes).
 Children will be able to name and locate the major mountain ranges across the world
 Children will be able to explain how mountains are formed and identify their key features.
 Children will be able to explain how tourism in the mountains is affected by seasonal changes and what impact the climate has on human activity.
 Children will be able to measure the velocity of a river.
 Children will be able to map out a cross section of a river.
 Children will be able to read an OS map in order to identify key features of a mountainous region.
 Children will be able to identify a number of map symbols and read 6-figure grid references.

Curriculum Drivers

Caring Community

I am the child who can consider the importance of looking after the environment and how our behaviour impacts the world around us.

Learning & Leading

I am the child who can explain the key features of rivers and mountains, and recognise the achievements of geographers and scientists in

British & Global Values

I am the child who can appreciate how important rivers and mountains are to our planet.

Wellbeing & Being Well

I am the child who can consider how nature can have a positive impact on someone's wellbeing.

Enterprise & Effort

I am the child who can recognise and appreciate how much effort goes into sustaining rivers and mountains. I am the child who can identify the positive and negative aspects of tourism.

Identity and Uniqueness

I am the child who can identify that each river and mountain is unique.

Writing	Maths	Art/DT	RE	PE	Computing	Science	PSHE - Jigsaw	French	Music
Biography based on David Attenborough. Poetry – The River Balanced Argument – Is mountain tourism a good thing?	Decimals and percentages Understanding the relationship between decimals and percentages	DT – Stuffed toys Art - 3D art installation DT – Structures and bridges	Christianity – Why is the idea of rescue so important to Christians and how does the bible show this?	Athletics- developing their skills and technique in a variety of athletic disciplines.	Coding – Using specific instructions to manipulate and move sprites	States of matter – - Dissolving - Separating Mixtures - Reverse and Irreversible Changes	Puzzle 5 –Relationships Looking at healthy friendships and to know and show what makes a good friendship.	School subjects, time past the hour and expressing opinions	Revising chords of C and F and learning chord of G and Am. Accompanying songs using different chord progressions.