

Knowledge Organiser: Year 5 - Our Blue Planet

Careers connected to this unit: hydrologist, marine biologist, oceanographer



Lesson Sequence



1. Why are our oceans important?



2. What is the water cycle?



3. Are all rivers similar?



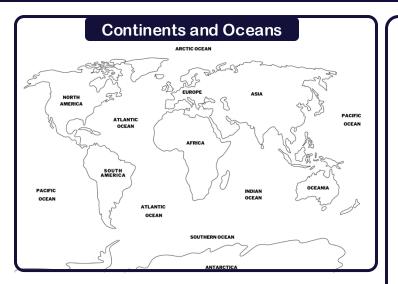
4. How do people use rivers?



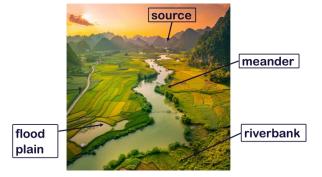
5. What challenges does our blue planet face?



6. Assessment: How can we help our blue planet?



Features of a river



source – where a river begins tributary – a stream or smaller river that joins the main river

meander – a winding curve or bend in a river mouth – where a river meets a larger body of water, such as an ocean, sea or lake

Challenges

Our planet is going through many changes. **Oceans** and **continents** are under threat due to **climate change**. It is important for many plants and creatures to grow in conditions that are just right.



Conservation is all about taking care of the natural world by protecting our air, water, plants, animals and the resources we use from nature. By practising conservation, we can make sure Earth stays a wonderful home for all living things!

The Water Cycle



This is a process where water circulates between the Earth's oceans, the atmosphere and land.



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Rocket Words

sea	a part of the ocean partly surrounded by land
ocean	a large expanse of seawater
water cycle	a process where water circulates between the Earth's oceans, atmosphere and land
river	a large natural stream of water flowing in a channel to the sea, a lake or another river
climate	the weather conditions in an area of the world
global conveyor belt	a constantly moving system in the ocean driven by temperature and salt
irrigation	the artificial (man-made) connection of water to land, used in farming
pollution	damage caused to the Earth by unnatural substances or waste