

Knowledge Organiser Year 4 - Spring 1 2024

Geography - Japan - Sumida River/Fishing

Where in the world is the Sumida River?

- The Sumida River flows through Tokyo, the capital city of Japan.
- The Sumida River crosses the northern part of Tokyo and drains into Tokyo Bay.
- The Sumida runs through Tokyo for 27 kilometres and it has 26 bridges across it.
- The Sumida River branches from the larger Arakawa River which is 173 kilometres long.
- The Sumida River has been an important part of Tokyo's history. It has been used for transportation, irrigation, and even as a source of drinking water.



The Sumida River in Tokyo

This half-term, Year 4 are going to be continuing to learn all about Japan in our Geography lessons. We will be focusing on the Sumida River which flows through Tokyo.

Read the information below to find out more about our Geography learning.

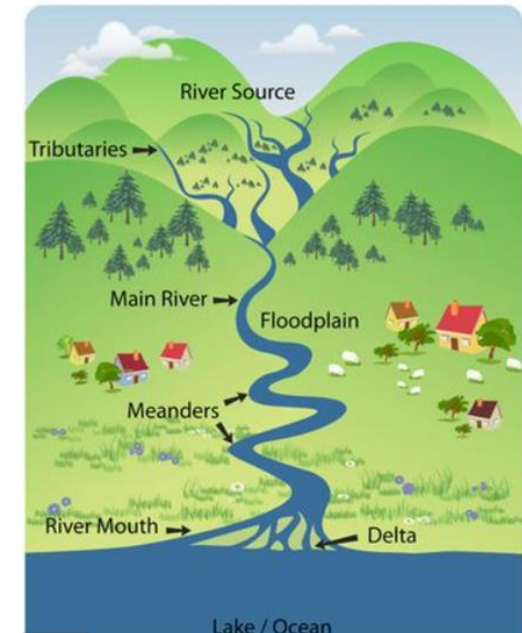
Don't forget to complete your project too!



The Sumida River

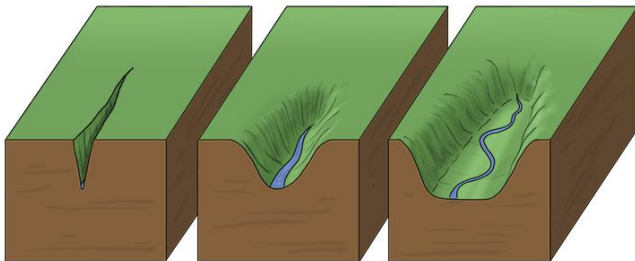
What are the features of rivers?

- Meander – a meander is a bend in a river
- Mouth – the mouth of a river is where a river meets the sea
- Source – the place a river begins
- Estuary – if a river has a wide mouth, it is called an estuary. An estuary has a mix of fresh and salty water.
- Flood plain – a flood plain is the flat land around a river. It often floods when river levels get too high.



Erosion

- **Erosion** is a process where **natural forces** like water, wind, ice, and gravity wear away rocks and soil.
- Erosion in rivers is the process that wears away the **river bed** and **river banks**.
- In **river erosion**, pieces of rock or soil are moved downhill. We call these pieces of rock or soil **sediment**.
- The size of the materials that can be moved by water depends on how fast the water is moving:
 - a **fast flowing** stream can carry large rocks while
 - a **slow moving** stream might only be able to carry very small materials.
- Erosion can create **gorges** and **waterfalls**.



An image showing the process of erosion.

Fishing in Japan

- Did you know that Japan is the largest fish-eating nation in the world, eating approximately 7.5 billion tons of fish a year, or about 10 percent of the world's catch!
- Most fish is caught in seas and rivers but **fish farming** is also common.
- The **fishing industry** in Japan includes fishermen, traders, air shipping companies, trucking companies, packagers and delivery people. On its journey from the sea to customer's plate, a single fish can change hands a dozen times!
- **Overfishing** has meant that much fewer fish are left in some parts of the world's oceans. Laws have been made to control fishing and to make sure that it doesn't harm the **environment** permanently.



Fishing boats heading out in Japan.

Project for Home Learning

Can you find out more about the Sumida River or fishing in Japan and present your learning in a creative way?

You could...

- create a PowerPoint presentation showing your research
- create a 3D model of a river and label the main parts of a river
- create a 3D model of Tokyo with the Sumida River running through it
- sketch/paint a picture of the Sumida River
- make a delicious fish meal with your adults and write down the recipe for it

or anything else you can think of!