

KS2 Topic KCV – Willow Class Summer 2 2023

Rivers

Key Concepts

- What important roles do rivers play in our lives?
- What does water always seek to do when travelling along?
- Why should we talk about how to minimise the effects of flooding rather than how to stop it?
- Why is the Thames barrier needed?
- Why are dams created in certain places?
- What is the most effective shape in holding out against water pressure?



| High Frequency Vocabulary (Tier 2) | | |
|------------------------------------|---------|-------------|
| Flow | Current | canyon |
| Outer | silt | flood plain |
| Inner | valley | ebb |
| bank | gorge | flow |

Subject Specific Vocabulary (Tier 3)

| | |
|-------------|--|
| tributary | a river or stream flowing into a larger river or lake |
| confluence | the junction of two rivers |
| estuary | where a river meets the sea |
| meander | the winding curve of a river |
| ox-bow lake | curved lake formed from a horseshoe bend in a river where the main stream has cut across the narrow end and no longer flows around the loop of the bend. |
| sediment | material like grit or sand that settles at the bottom or edge of a river |
| source | place where a river starts |
| erode | be gradually worn away |



1. **Can you fill in the meaning of these words?**

What is the most effective shape in holding out against water pressure?

| | |
|-------------|--|
| tributary | |
| confluence | |
| estuary | |
| meander | |
| ox-bow lake | |
| sediment | |
| source | |
| erode | |

2. **Can you answer these questions?**

What important roles do rivers play in our lives?

What does water always seek to do when travelling along?

Why should we talk about how to minimise the effects of flooding rather than how to stop it?

Why is the Thames barrier needed?

Why are dams created in certain places?