

Year 4 Summer 1 On a River



Curriculum
Driver:
Geography

Create Explore Discover

Year 4

Summer 1 – On a River



Key Curriculum Driver: Geography

Other Curriculum Areas: Science

Rationale: On a River will allow children the opportunity to explore the water cycle, geographical locations, states of matter and responding to the world around them.

By the end of this topic, most children will have:

Geographical knowledge of the world around them with both physical and human geography skills. They will be able to locate different countries and describe the characteristics and how they have changed over time.

The ability to think independently and raise questions about working scientifically and the knowledge and skills that it brings.

- Confidence and competence in the full range of practical skills, taking the initiative in, for example, planning and carrying out scientific investigations.
- Excellent scientific knowledge and understanding which is demonstrated in written and verbal explanations, solving challenging problems and reporting scientific findings.
- High levels of originality, imagination or innovation in the application of skills.
- The ability to undertake practical work in a variety of contexts, including fieldwork.
- A passion for science and its application in past, present and future technologies.

Children's knowledge will be shown by:

Extended Writing:

Non-chronological report about rivers.

Purposeful Outcome –

Create a powerpoint presentation about rivers and their journey.



Subject	Milestone
Science	<ul style="list-style-type: none"> • Observe that some materials change state when they are heated or cooled, and measure the temperature at which this happens in degrees Celsius ($^{\circ}\text{C}$), building on their teaching in mathematics. • Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.
Geography	<p>Ask and answer geographical questions about the physical and human characteristics of a location.</p> <ul style="list-style-type: none"> • Explain own views about locations, giving reasons. • Name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, including hills, mountains, cities, rivers, key topographical features and land-use patterns; and understand how some of these aspects have changed over time. • physical geography, including: rivers, mountains, volcanoes and earthquakes and the water cycle. <p>Human geography, including: settlements and land use.</p> <ul style="list-style-type: none"> • Use the eight points of a compass, four-figure grid references, symbols and key to communicate knowledge of the United Kingdom and the wider world.

Topic Overview

Hook

Trip to a river/pond-
pond dipping

Title: On a River Curriculum Driver: Geography

Topic Outcome

To create a powerpoint
presentation about rivers
and their journey.

Science Coverage (Main Focus)

List activities

Lesson 1: Hook morning

Lesson 2: Features of a river- piece of art.

Lesson 3: Journey of a river- Can we follow the journey of an animal or food and how it gets transported.

Lesson 4: Journey of the river(cont)- make a booklet describing the journey.

Lesson 5: Rivers in the United Kingdom- Labelling activity.

Lesson 6: Research lesson- Discovering rivers around the world.

Lesson 7: Labelling world map with results from the research lesson.

Lesson 8: Research- what animals live on rivers?

Lesson 9+10+11: What is evaporation and condensation? Look at the 'water cycle in a bag', and records that have been kept.

Lesson 12: Why does evaporation/ condensation occur?

Free Writing Stimulus

Choose an animal that lives on the river to focus on, write a non-chronological report using as many facts as possible.

Extended Writing Genres and Activities

Where is the closest river to Bramley Park academy?
Design an advertising brochure in order to get people to come and visit. You must only write facts.

Trips and Experiences

Trip to a local river.

Other subject Coverage

Geography:

United Kingdom rivers.

Rivers around the world.

Labelling rivers from around the world on a world map.

Linked Texts: Sabryna and the river spirit- Twinkl.

Song of the Dolphin Boy- Elizabeth Laird.

Journey to the river sea- Eva Ibbotson.

