From Source to Sea

Maths
- Use mathematics in their Science to measure how seeds grow into plants and look for patterns in the petals of flowers
- Measure lengths in rivers and devise timetables for trips along a river.

Music
- Listen to water themed music
- Learn to sing 'A River's Tale' and compose river music, using vocal effects or instruments
- Perform the composition

Geography
- Become a river explorer
- Find out about the nearest river to the school
- Study the Water Cycle
- Learn about Settlements and economic activity near rivers
- The role of mountains and hills
- Rivers and place names
- The course of a river
- Lakes, reservoirs and canals
- Vegetation belts
- Effects of weather on a river

English
- Listen to poetry and nursery rhymes with plant/river themes
- Find poems with flowers/plants/river themes and explaining favourites
- Poetry writing and performance
- Information and research skills – river explorers
- An explorer's plan and note writing
- Alphabetically ordered texts
- Explanation – the Water Cycle process

Art and Design
- Study paintings and weavings of artists
- Sketch observations of a river in a sketchbook
- Create digital images, collages and weavings of rivers and their surroundings through individual and group work

Computing
- Use the internet to explore and learn about the water cycle
- Use Google Maps to trace a river from source to sea making observations about the types of flora and fauna found along the way
- Create an animation of the water cycle using a range of tools

Languages
- Follow the Seine from Source to Sea through Paris to Le Havre.
- Visit Monet's gardens at Giverny on the way, whilst learning about the water cycle.
- Describe different types of precipitation in French and other related weather words.
- Make a phonic flash card dash to include the new phoneme ui and sing four traditional French Comptines from different French speaking countries as you travel through this Unit.

Science
- Explore the difference between flowering and non-flowering plants
- Scientific enquiries to find out what seeds need to grow and live, predicting, recording measurements and interpreting results
- Produce results using diagrams, tables or simple graphs
- Ask and answer questions about roots, stems, leaves and flowers
- Find out how water is transported in plants

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