Heritage Coast of Wales

Core Knowledge

- Rivers begin at its *source*, which is usually high up in hills or mountains
- *Floodplains* are areas are flat and often become flooded when heavy rainfall causes the river to overflow.
- A smaller river that feeds into a larger river is called a *tributary*.
- The point at which a tributary joins a larger river is called the *confluence*.
- A *meander* is a bend in a river, created by deposition and erosion.
- *Velocity* is the speed at which the water in the river is flowing.
- Rivers play a very important part in the water cycle, acting as *drainage channels* for surface water.

River Ogmore

Domain Themes

- *Field Trip*
- *Journey of a River*
- *River Ogmore data analysis*
- *Importance of rivers*
- *River Nile*
- *Plastic Pollution*
- *pH levels*
- *Water Resistance*
- *Fibonacci*
- *Titanic*

Core Knowledge

- Rivers provide important benefits like: irrigation, transportation, energy, fishing, habitats.
- The river Nile runs through Africa. It flows into the Mediterranean Sea.
- Scientists use a 'pH scale' to measure how *acidic* or *alkaline* a liquid is.
- *Water resistance* is a force that slows things down that are moving through water.
- *Upthrust* is a force that pushes things upwards.
- *Fibonacci* was a Mathematician from Italy.
- The *Titanic* was a ship that sank, on its maiden voyage, in the North Atlantic Ocean in 1912 after striking an iceberg.

Home Learning

- Plastic pollution is a growing problem in our oceans. Use plastic from your recycling to build something useful e.g. a bird feeder, a pen pot. Take care when using scissors.
- Research and find out about another shipwreck. E.g. RMS Lusitania.
- Imagine you are on board the Titanic. Write a diary entry describing the beauty and luxury before disaster struck.

Key Vocabulary

- Source
- Floodplain
- Tributary
- Confluence
- Meander
- Erosion
- Deposition
- Velocity
- Cross section
- Irrigation
- Transportation
- Habitats
- pH scale
- Acidic
- Alkaline
- Water resistance
- Upthrust
- Fibonacci
- Maiden Voyage