

## Geography

In Geography the children will learn about how What is physical geography. Understand the difference between a lake, river and oceans. Name the major oceans on a map. How to use maps, atlases, globes and digital/computer mapping to oceans and rivers and describe features studied. Understanding how rivers, lakes and oceans all connect. What is the mouth of a river. Investigating famous rivers around the world. Comparing life by the Nile to Life by the Thames. The water cycle and how evaporating and condensation link.

## Art and Design

In art children will create sketch books to record their observations and use these to review and revisit ideas. They will learn how to improve in mastery of art and design techniques, including drawing, painting and sculpture with a range of materials. Lastly, they will learn about various artists, including Monet and David Hockney.

## Computing

Children will design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts. They will understand computer networks such as the world wide web and how these are a useful resource.

## Science

This half term children will be learning all about comparing and grouping materials together, based on if they are solids, liquids or gases. Investigating how some materials can change if they are heated or cooled. Make detailed observations about the change of state when they are heated or cooled. Measuring and researching the temperature at which this happens in degrees Celsius (°C) What is evaporation and condensation and how it happens in everyday life

## History

Children will be learning about Why settlements are made bodies of water and how this has change over time. How life by water can have big impacts.

## Design and Technology

Children will select from and use a wider range of tools and equipment to perform practical tasks accurately. They will also use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities.

## Extracurricular links

Here is a list of ideas to support your children with our thematic curriculum at **home**:

**At home:** Examine water use in the home and how we can be more water conscious and less wasteful. Discussion around living close to the River Thames. Talk about the water cycle, do a rain or weather chart daily. Write a rain, water or river poem.

**Places to visit:** Take a trip to the seaside, rivers, lakes or event ponds. What can we see? What wildlife is around? What type of homes can we see on the water? Discuss water safety and how the water looks. Talk about the movement of the water and who relies on it and what types of jobs are linked to the water.

**Website links:** <http://www.primaryhomeworkhelp.co.uk/rivers/websites.htm>

<http://www.bbc.co.uk/schools/410.shtml>

<https://www.bbc.co.uk/bitesize/topics/zkgg87h/articles/z3wpp39>



# H<sub>2</sub>O

## Spelling list

Here is a list of words to support your child with our thematic curriculum:

water	river
liquid	lake
flow	ocean
tide	current
particles	wave
vapour	power
evaporation	force
condensation	rising
dense	drinking
cloud	hydration
moisture	source
damp	mouth
heating	bend
cooling	cycles
opposite	process
experiment	diagram
method	location
prediction	humidity