

# Where does our water come from?

## Key States of Being for this Enquiry

### Being a Scientist

As Scientists, we will be learning to compare and group materials together, according to whether they are solids, liquids or gases. We will carry out investigations to observe whether materials change state when they are heated or cooled. We will also learn to explain the parts played by evaporation and condensation in the water cycle and using our investigative skills we will explore how the rate of evaporation and temperature are related.



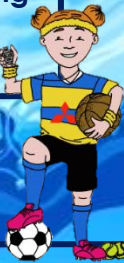
### Being a Mathematician

As Mathematicians, in year 3, we will be developing our understanding of fractions including finding fractions of amounts as well as adding and subtracting fractions. In year 4, we will continue to develop our understanding of fractions, before moving on to learning about decimals equivalents.



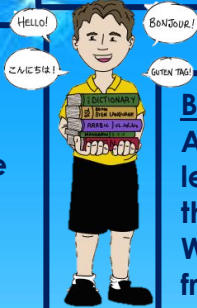
### Being an Athlete

In our REAL PE lessons we will work with a fellow athlete to perform counter balances and we will develop our skills for sending and receiving apparatus. We will then put these skills to practise through learning the rules and tactics for the sports Archery, Boccia.



### Being a Geographer

As Geographers, we will use maps to identify and name rivers in the four countries within the UK as well as some famous rivers around the world. We will locate the source of the rivers and where the rivers join the sea at the mouth. We will identify human and physical characteristics of specific regions including hills, coasts and rivers. We will also learn to understand and describe aspects of physical geography linked to the water cycle.



### Being a Linguist

As Linguists, we will begin to learn to say, read and spell the names for different fruits. We also learn to say which fruits we like and do not like and to ask others questions about their preferences.



### Being an Engineer (Computing)

As Computer Engineers we will continue to develop our information technology skills by learning to use databases to answer questions and to create our own branching databases. We will also learn to create and edit images and videos for a purpose.

### Being an Artist

As Artists, we will be taking inspiration from the work of two famous painters: Claude Monet and David Hockney. We will develop our own skills as painters, using poster paints and water colours to create the effect of water and to produce our own art work.



### Being a Philosopher (RE)

As Philosophers, we will continue to explore the Big Question: What does it mean to be a Hindu in Britain today?



### Being a Philosopher (PSHCE)

In this unit we will focus on our goals and aspirations. We will discuss achievements we have accomplished so far and the type of attitude that helps us to succeed. We will identify ways of applying a growth mind-set to new challenges and learn about the importance of resilience.

### Being a Reader/Being an Author

Our key text this term is 'The Rhythm of the Rain.' By Grahame Baker-Smith. As Readers, we will explore the author's use of literary devices including personification, simile and metaphor. As Authors, we will use this text as inspiration for our own creative writing. We will also continue to develop our SPAG skills. Putting our skills as Geographers and Scientists to good use, we will also explore the features of and write our own explanation texts for the water cycle.

