

Key Humanities questions

Why is water a major necessity in any village, town or city?
How does rainwater form in the first place?
Why do some places go for a long time without rain and others have too much rain?
How is water used to help provide energy to many places?
Can you create a moving toy that requires water to power it?
What happens to the water in our home once it disappears down the sink?

Key Science questions

Can you create your own classification system that will take account of all plants and animals within your school grounds?
Can you now classify a group of animals and plants you have selected from a chosen environment?
Can you discover the special attributes that some animals and plants have to help them survive?
Why might some animals and plants be endangered and can you focus on one that you would like to carry out further research on?
What are micro-organisms and how would you classify them?
By observing artists' work can you capture images of a chosen animal?

As Geographers can we...?

- give an extended description of the physical features of different places around the world
- describe how some places are similar and others are different in relation to their human features
- give an extended description of the human features of different places around the world?
- describe how some places are similar and others are different in relation to their physical features
- explain where our water comes from and where it goes once it has been flushed away.

As Scientists can we...?

- devise classification systems and keys to identify some animals and plants in the immediate environment?
- research animals and plants in other habitats and decide where they belong in the classification system?
- describe and compare the life cycles of a range of animals, including humans, amphibians, insects and birds?

Using technology can we...?

- In computing we will be learning about Excel spreadsheets.
- Children will learn how to create and use functions and formulas.

As Musicians can we...?

- Which music is associated with water and can you create your own?

As Writers can we...?

- Plan and write in different genres.
- Proof-read and edit our writing.
- Create character profiles
- Write an adventure story that has: a problem and resolution; paragraphs with adverbials to signal time, sequence or place; description of typical setting and characters and dialogue that moves the story on.

As Readers can we...?

- Comment on explicit and implicit points of view within a text.
- Use text evidence to support opinions.
- Recognise whether statements are fact or opinion.
- Comment on how a writer creates different characters, settings, atmosphere and effect.

As Designers can we...?

- Use a range of information to inform designs.
- Justify plans to other people.
- Use tools and materials precisely.
- Test and evaluate finished products.

As mathematicians can we...?

- Read, write and compare numbers up to ten million.
- Round numbers to a degree of accuracy.
- Use written methods to +, -, x and ÷.
- Problem solve using all four operations.
- Find fractions and percentages of shapes and amounts.

To develop our physical ability can we ...?

- Understand what we have to do to keep our body healthy.
- Practise and perform dance.

To develop our religious and cultural understanding can we...?

- Understand how water is used as a symbol across different religions.