

Launch

A box full of exciting objects, materials and equipment will arrive in the classroom for children to explore. They will work in groups to make observations and ask questions such as, which materials float, which are reflective, which are magnetic, which make sounds.



What happens in the natural world?



Landing

To land this topic, children will invite their adults in to share their learning in an experiment workshop. They will share and show the adults the different processes they have learnt during the topic.



Topic Overview

In this topic, children will be observing the natural world around them and asking and answering questions about what they observe. They will look at natural processes, such as ice melting, a sound causing a vibration, light travelling through transparent material, an object casting a shadow, a magnet attracting an object and a boat floating on water. The children will take part in hands-on experiences to encourage their curiosity of the natural world around them. They will carry out simple tests and observations to help their understanding of some important processes and changes in the natural world around them, including the seasons and changing states of matter. The children will also make observations of the natural world, linking to the changing seasons. They will draw pictures of animals and plants they have seen in the environment and in stories.

Key Vocabulary

magnetic
floating
sinking
reflective
transparent
shadow

Learning Conversations

When you are outside with your child, encourage them to use their senses (see, hear, feel, smell) to explore the natural world and talk about what they find in full sentences.
Look at your shadow throughout the day and record any changes. If you stand in the same place outside at different points of the day, does your shadow move? Why do you think this is?
Become detectives and look for clues of the season beginning to change. What signs of winter can you see? Are there any signs of spring yet?

Drivers

ENQUIRY

The children will be developing their observation skills and ability to ask and answer questions. They will verbalise their ideas and share them with others, beginning to give reasons for their thinking.



Home Learning Challenge

Become a scientist and investigate the different objects/materials around your home. Is there anything which is magnetic? Do you have anything which floats? Share your findings on Tapestry.
Due in Monday 18th March 2024.



Did you know?

- A shadow happens when an object blocks the light.
- Sinking happens when an object moves to the bottom of a container of water.
- Floating happens when an object stays on the top of the water.
- Some high-pitched sounds can only be heard by dogs.



Important Dates: Class exhibitions starting at 2.45pm - More details to follow. **Cherry Class Exhibition - Monday 18th March** **Plum Class Exhibition - Tuesday 19th March** **Apple Class Exhibition - Wednesday 20th March** **Pear Class Exhibition - Thursday 21st March**