

How do we provide a foundation of Science skills and knowledge in our early years?

Materials

- Investigate and explore natural material in the environment
- Make comparisons between different material and their properties
- Ask questions and give explanations
- Make observations
- Explore and talk about the forces we experience when exploring (push/pull/ magnets etc.)
- Explore floating and sinking
- Look at dark and light, investigate shadows
- Explore changes in materials and investigate changes in materials (cooling, melting, freezing, ice, snow, cooking etc.)
- Explore different sounds and vibrations

What might these experiences look like?

- Explore different objects using a range of various senses – relate to different environments (conkers, pinecones etc.)
- Floating and sinking objects in a water tray
- Explore different gradients and speeds when racing cars down a ramp
- Melt ice cubes and freeze water – look at snow
- Explore the change of materials – example: melt chocolate to make Easter nests
- Use magnets to explore magnetic and non-magnetic objects