



# Linked learning theme: Full Steam Ahead

Spring Term 1 and 2 - Year 2

## Science – Uses of everyday materials

### Prior Learning

In Y1, children learnt the names of basic materials and some of their properties. They sorted materials by their properties.

### Core knowledge

- There are lots of different materials including: wood, metal, plastic, glass, brick, rock, paper, cardboard.
- Some materials are more suitable for certain jobs
- Some materials can be used for more than one thing.
- Shapes of solid objects made from some materials can be changed by squashing, bending, twisting, and stretching.
- Some materials are natural and some are man-made.

### Key skills

- Ask relevant scientific questions.
- Make careful observations.
- Use some scientific language when reporting on findings.
- Use results to draw simple conclusions.
- Use straightforward scientific evidence to answer questions or support findings.
- Record findings in a simple way

### Vocabulary

wood	concrete	squash	strong
plastic	material	twist	bendy
metal	glass	stretch	cheap
stone	man- made	pull transparent	flexible
	natural	soft	rigid
	bend		

### Learning outcomes

- I can identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.
- I can find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.
- I can observe closely, using simple equipment.
- I can carry out simple tests.
- I can identify and classify.
- I can use my observations and ideas to suggest answers to questions.