

## Autumn Term Year 2 Science Overview

### Key facts

Identify and compare the suitability of a variety of everyday materials including wood, metal, plastic, glass, brick/rock and paper/cardboard for particular uses. Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching. Ask simple questions. Observe closely, using simple equipment. Perform simple tests. Identify and classify. Use observations and ideas to suggest answers to questions. Gather and record data to help in answering questions.

### Materials

### Brief summary/ overview

This concept involves becoming familiar with a range of materials, their properties, uses and how they may be altered or changed.

### Prior Knowledge

Children will be able to identify certain materials and may explain their uses.

### Key Vocabulary

Predict, Conclude, Experiment, Investigate, Compare, Manipulate, Record, Findings, Select, Properties, Materials, Suitability, Strength, Weakness, Staggering, Pressure

### Resources

Various materials  
Equipment for investigations  
Objects that can be manipulated in different ways

### Cross curricular links/visits

Forest school links- building using various materials  
History – houses from the Great Fire of London