

Oak Class Autumn Term 1 2022

Science: Uses of Everyday Materials

Key Concepts:

- Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and 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.

Working Scientifically:

- performing simple tests
- observing closely, using simple equipment

Key Questions:

- What material is an object made from?
- Which materials are natural and which are man-made?
- Can all materials be changed in the same way?
- Which materials could you use to build houses for The Three Little Pigs?
- Were your predictions of the best material to use for the strongest house correct?

Vocabulary: materials, wood, plastic, metal, glass, stone, brick, bend, stretch, twist, squash, strong, hard, flexible, natural, man-made, manufactured, property, predict, test, record, observe, observations

Global Citizenship:
critical and creative
thinking; communication



fabric



leather



plastic



bendy



wool



paper



cotton wool



brick



leaves



stone

