

Year 1 **Chemistry**

Autumn 2

Everyday Materials



We are learning about:

- **what things are made of** (distinguish between an object and the material from which it is made)
- **everyday materials we use and what they are like** (identify and name a variety of everyday materials, including at least wood, plastic, glass, metal, water, rock, brick, paper, cardboard. Describe the simple physical properties of a variety of everyday materials)
- **how to group materials** (compare and group together a variety of everyday materials on the basis of their simple physical properties)

We are learning to:

- **identify and classify** (to be able to identify and classify objects and materials)
- **look closely at things** (to be able to observe carefully, using simple equipment i.e. hand lenses/magnifiers)
- **answer my science questions** (to be able to ask simple questions and recognise that they can be answered in different ways. To be able to perform simple tests.)
- **measure** (to be able to make simple measurements with equipment / non-statutory)
- **record my results** (to be able to record simple data in order to answer a question)

Vocabulary

- Types of materials: wood, plastic, glass, metal, water, rock, brick, fabric, sand, paper, flour, butter, milk, soil. Properties of materials: hard/soft, stretchy/not stretchy, shiny/dull, rough/smooth, bendy/not bendy, transparent/not transparent, sticky/not sticky. Verbs associated with materials: crumble, squash, bend, stretch, twist. Senses: touch, see, hear, smell and taste