

Prior Learning

Distinguish between an object and the material from which it is made. (Y1 - Everyday materials)
 Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock. (Y1 - Everyday materials)
 Describe the simple physical properties of a variety of everyday materials. (Y1 - Everyday materials)
 Compare and group together a variety of everyday materials on the basis of their simple physical properties. (Y1 - Everyday materials)

Materials

Autumn Term

Everyday Materials

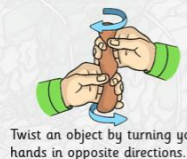
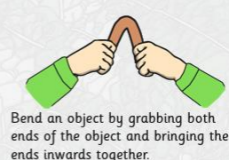
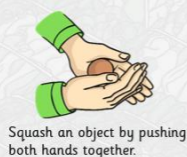
Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.
 Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.

Future learning

Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties. (Y3 - Rocks)
 Notice that some forces need contact between two objects, but magnetic forces can act at a distance. (Y3 - Forces and magnets)
 Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets. (Y5 - Properties and changes of materials)
 Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic. (Y5 - Properties and changes of materials)



Squashing, Bending, Twisting and Stretching



EVERYDAY MATERIALS

