

KS1 Sum 1 Cycle A



Materials ii

To be secure in this unit you must:

- 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

Develop scientific skills:

- observing closely, using simple equipment
- gathering and recording data to help in answering questions
- using their observations and ideas to suggest answers to questions.
- Identify and classify
- Performing simple tests

Vocabulary

natural material	a material that comes from animals, plants or the Earth
human-made material	a material made by people
recycle	to change rubbish into a material that can be used again
flexible	can change shape easily
rigid	cannot change shape easily
brittle	easily broken
flexible	can change shape easily
tough	not easily broken
lightweight	thin and light
strong	not easily broken
breakable	easy to break
translucent	materials that you cannot see clearly through
waterproof	does not allow water to pass through it
stone	a small rock
pebble	a small, smooth rock that has been shaped by water
brick	a human-made building material
useful vocabulary: transparent, opaque, glass, wood, plastic, metal, rock	

Sticky Knowledge

bend

twist

stretch

squash

rock

stone

pebble

brick

Recycle

wood

metal

plastic

glass

brick

rock

paper

cardboard

Transparent

Translucent

Opaque