

Key Stage 1 - Forest Academy Knowledge organiser - Everyday Materials

Know how to...

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

Key Vocabulary

absorbent Able to soak up liquid easily.

bendy Bendy things can be folded easily.

dull Not bright or shiny.

hard Solid, not easily broken.

opaque Not able to see through.

rough If something is rough, it feels and looks uneven or bumpy.

shiny Reflects light easily.

smooth An even surface without bumps.

soft If something is soft, it is easy to cut, fold or change the shape of.

stiff Unable to bend.

stretchy Can be pulled to make it longer or wider without breaking.

transparent Able to see through.

waterproof Designed to prevent water entering or passing through.

Materials



paper



brick



fabric



plastic



wood



metal



water



glass



stone

Nina and the Neurons



- Nina is a neuroscientist
- She has help from five Neurons called touch, hearing, sight, smell and taste (the five senses).
- Nina conducts experiments with the help of the Neurons.
- Experiments help Nina and the Neurons answer scientific questions.

Mae Jemison



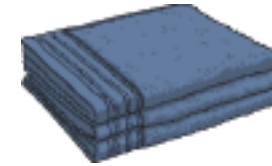
- Mae Jemison went into orbit aboard the Space Shuttle Endeavour in 1992 and became the first African American woman in space.
- She is also a trained medical doctor.
- She began college at Stanford University to study chemical engineering when she was only 16 years old.

Absorbent Materials

An absorbent material is a material that soaks up liquids. Absorbent materials are useful for objects that are used to clean and dry things.



sponge



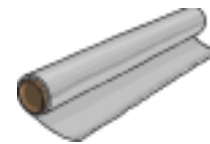
fabric



cotton wool

Waterproof Materials

A waterproof material keeps water out. Waterproof materials keep things dry, for example our raincoats keep the rain from making our clothes wet.



foil



plastic



metal



rubber

