

# Science- Physics- Everyday materials

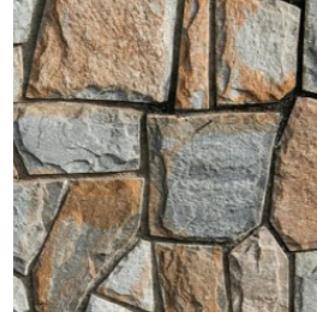
## Associated Diagram



1.



2.



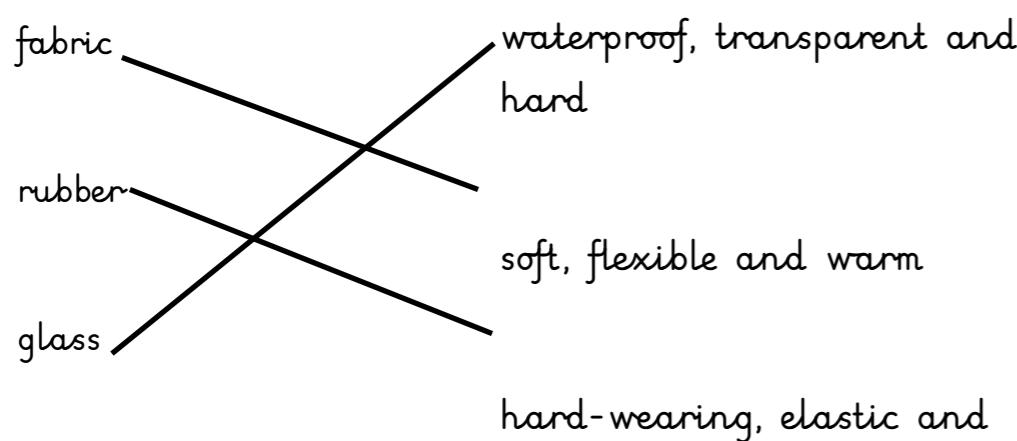
3.



4.

1. wood
2. metal
3. stone
4. plastic

Match the material to the description of its properties.



## Sticky Knowledge

Name 2 uses for wood?

paper, table, chairs, fence, fire, sheds, pencils.

Name 2 uses for plastic?

bottles, containers, games/toys, electronics, packaging, cups

What is the most suitable material to make a spoon from? Explain your answer.

metal because it is hardwearing and easy to wash

plastic because it is strong and waterproof.

Name 3 ways we can make a material change shape.

stretch, twist, squash and bend

Name 2 materials that can be twisted?

tin foil, fabric, cotton, wool, playdough, rubber

What is the difference between the material wood and the material play dough?

Wood is solid and the shape can not be changed by manipulating it but play dough can be twisted, bent, stretched and squashed. Wood can only be changed by carving it into another shape.

Wood is stiff but playdough is flexible.

Both are opaque.

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## Subject Specific Vocabulary

## Definitions

twist	forming a bent, curled or twisted shape.
bend	forcing something to curve without breaking.
stretch	something can be made longer without breaking
squash	to push something down with force.
material	what an object is made from.
categorise	put into a particular group that shares a certain similarity with other things in the group.
purpose	what something is used for.
properties	the way a material behaves.
scientists	someone who researches and conducts experiments to accurately answer questions.