



Year 1 Everyday Materials Knowledge Organiser

Star Vocabulary

Wood	Comes from trees
Fabric	Comes from plants and animals and is usually used for clothing.
Plastic	Man made mostly from oil
Metal	Metals are made from rocks. The rocks are dug up and taken to a factory where they are heated and processed into metal.
Glass	Made from very fine sand. It is heated until it melts.
Properties	A way to describe materials e.g. shiny

Observe similarities and differences between materials.

Distinguish between an object and the material from which it is made plastic, glass, brick, rock, paper.

A material is any substance that has a name. For example: chalk, paper, wood, iron, air, water, clay, plastic, rubber, stone, leather, wax.

Everything is made up of materials.

Materials can be described by their property for example, shiny, stretchy, rough and smooth.

There are natural and man made materials

Materials and their properties

Metals Strong Shiny Good electrical conductors The scissors are made from metal.	Plastics Waterproof Transparent? Strong Plastic can be used to make toys, bags and bottles.	Glass Transparent Thick glass = strong Windows and glasses are made from glass.
Wood Strong The picnic table is made from wood.	Fabrics Absorbent Flexible Good Heat Insulator Fabrics can be used to make clothes.	Which is the strongest? Which is a good heat insulator? Can name some materials that are magnetic?

PLASTIC **WOOD**
GLASS **METAL**

MATERIALS

Plastic Wood Glass Metal Rubber
Shiny Dull Cold Hard Soft

Progression

Identify objects and their uses.

Identify and compare the suitability of a variety of everyday materials, including wood, metal.

Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a

Distinguish between an object and the material from which it is made

Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible.

Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties