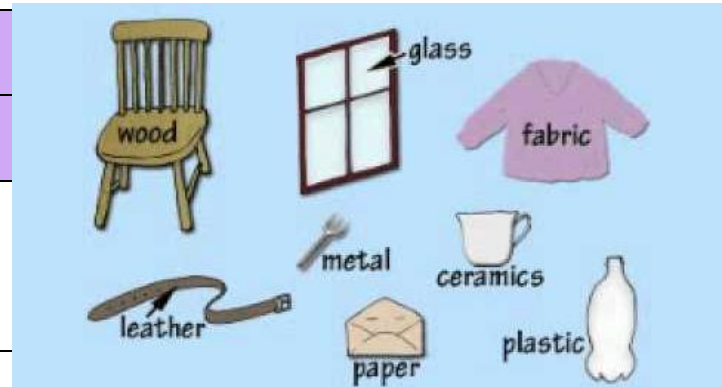


Science Knowledge Organiser

Year 1 – Term 4

Topic:

Identifying Materials



What I will know by the end of the unit :

- Distinguish between an object and the material from which it is made
- Identify and name common types of materials including wood, metal, plastic, rubber, fur, towelling, nylon, wool, sponge, cotton wool, paper, card, brick, ceramics, rock and some liquids and powdered solids.
- Label, collect and group together objects made from the same material.
- State that different objects can be manufactured from the same materials
- Explain why some materials are unsuitable for some objects.

Skills/Working Scientifically:

- Test the properties of different liquids.
- Investigate which materials are good to wrap and protect an object
- Make observations using simple equipment
- Identify and classify materials according to their properties
- Test materials and discuss results

Prior Knowledge:

- Children can distinguish between an object and the material it is made of.
- Children can describe materials using simple scientific vocabulary.
- Children can name a range of commonly used materials.
- Children can talk about why certain materials have been used.

