

Year 1 – Spring Term – Everyday Materials

Scientific Skills

In this topic, I will:

- identify a variety of common materials.
- distinguish between an object and the material from which it is made.
- describe materials according to their properties.
- describe why some materials suit certain objects better than others.
- experiment to find out which materials are waterproof
- recap what we have learnt about everyday materials.

National Curriculum Link:

- 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

Working Scientifically

- observing closely, using simple equipment
- performing simple tests
- identifying and classifying
- using their observations and ideas to suggest answers to questions

At the end of this topic, I will:

- Know what a material is
- Identify a variety of common materials
- Know where some materials come from
- Identify a variety of common materials
- Distinguish between an object and the material from which it is made
- Identify which material a variety of common objects are made from
- Use a variety of appropriate words to describe what various materials are like
- Match materials to various properties
- Group objects and materials according to their properties
- Identify and describe a variety of materials
- Suggest why a material has been chosen for a particular purpose
- Identify materials that are inappropriate for certain uses and offer alternatives
- Make suggestions for how to test which materials are waterproof and which aren't
- Test a variety of materials to see which are waterproof and which aren't
- Draw conclusions from their experiment
- Identify a variety of everyday materials and describe their properties
- Distinguish an object from the material from which it is made
- Identify materials that are suitable for a particular purpose

KEY VOCABULARY

Material	the matter from which a thing is or can be made.
Nature	plants, animals, the landscape, and other features and products of the earth, as opposed to humans or human creations
Waterproof	impervious to water.
Classifying	arrange (a group of people or things) in classes or categories according to shared qualities or characteristics.
Identifying	establish or indicate who or what (someone or something) is.
Properties	a thing or things belonging to someone



Key Questions:

1. Which material comes from trees?
2. Which material is not found in nature?
3. What material are coins made from?
4. What material are books made from?
5. What material are dresses made from?
6. Which word best describes what glass is like?
7. Which word best describes what a pillow is like?
8. Which materials is not waterproof?