



Science Learning Sequence

Year Group/Class: Oak

Term: Spring 1

Topic: Materials

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.

Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.

Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick/rock and paper/cardboard for particular uses.

Prior Knowledge/Teaching: (What does this unit build on?)

Covered in Reception:

Use all sense to explore natural materials

Compare materials using similarities and differences

Talk about materials and how they change/ what they notice

Understand a change in matter

Threshold Concepts:

Working scientifically

Chemistry



Key Vocabulary:

material	transparent
opaque	hard
flexible	soft
rigid	opaque
wood	flexible
metal	rigid
properties	
plastic	
glass	

Learning Lenses:





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