

What I already know:

- 1 I can identify and name a variety of everyday materials (wood, plastic, glass, metal, water and rock)
- 2 I can tell the difference between an object and the material it is made from.
- 3 I can describe the simple physical properties of a variety of everyday materials.
- 4 I can compare and group together a variety of everyday materials based on their properties.

What I will learn:

- 1 To sort materials into groups by squashing, bending, twisting or stretching
- 2 To compare, sort and classify materials by their properties.

Scientists/Inventors:

John McAdam
(1756 – 1836)

Inventor of the modern road surface



Key Vocabulary

materials	Materials are what objects are made from
flexible	The material is bendable
rigid	The material is stiff and you cannot bend it
opaque	The material does not let any light through
transparent	The material lets all light through
translucent	The material lets some light through
properties	What the material is like and how it can be used
suitability	The properties are correct for the job of the material
squash	Change the shape by pushing both hands together
bend	Bring both ends of an object inwards
twist	Turn both ends of the object in opposite directions
stretch	Use both hands to pull the object slowly and gently apart

Working Scientifically Skills

- 1 Use simple equipment
- 2 Sorting and classifying
- 3 Measuring

