

Physics – Everyday materials

Prior Learning

To notice differences and similarities between materials
 To identify some properties of materials eg fluffy or hard
 To make comment on processes such as melting, objects casting shadows, magnets attracting or items floating.

Concepts

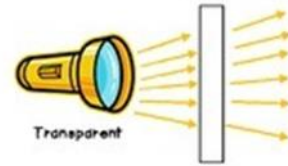
material – the ‘stuff’ objects are made from

Property – the characteristics of a material, what a thing is like.

Key Vocabulary

Images, icons and maps.

Rough	A material with a bumpy surface
smooth	A material with no bumpy surface
table	A grid for recording information in.
stretchy	A material that gets longer when pulled
flexible	A material that can bend
stiff	A material that won't easily bend
transparent	Will let light through. We can see through it
opaque	Will not let light through. We cannot see through it



transparent



opaque



stretchy



stiff



Rough



Flexible



smooth

Key Facts

All the non-living things around us are made up of materials.
 These materials are things like wood, plastic, glass, fabric, ceramic
 The different materials have different properties
 These different properties can make certain items good at their jobs eg a glass window is transparent.