

Science

Year 2 - Materials

Prior Learning

To notice differences and similarities between materials

To identify some properties of materials e.g. fluffy, stiff or hard.

To make comment on processes such as melting, objects casting shadows, magnets attracting or items floating.

Key Knowledge

- There are a variety of materials including– wool, wood, rock, stone, glass, cotton and wool.
- Different materials have different properties .
- These different properties can make certain items good at their jobs e.g. a glass window is transparent.

Key Concepts

Generate ideas -

I can observe and explore.

I can ask questions.

Self Assessment

Let your teacher know

Tick one

☐ I fully understand.

☐ I need more practice.

☐ I do not understand yet.

Self Assessment



transparent



opaque



Flexible



stretchy

Key Vocabulary

bend - forcing an object to curve.

squash - to crush or squeeze something

twist - to bend or curl something.

stretch - to make something longer without ripping it.

waterproof - does not allow water to pass through it.

prediction - to think about what might happen.

conclusion - to summarise what they have found.

rigid - a material that doesn't bend easily.

flexible - a material that bends easily.

rough - a material with a bumpy surface

smooth - a material with no bumps in it.