



Enquiry questions.

Would a Tudor house really be so bad?

Are paper towels the best material for a spillage?

Key ideas

Identify and compare the suitability of a variety of everyday materials for a particular use.

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

Working scientifically: asking simple questions and recognising that they can be answered in different ways.

Observing closely, using simple equipment.

Performing simple tests

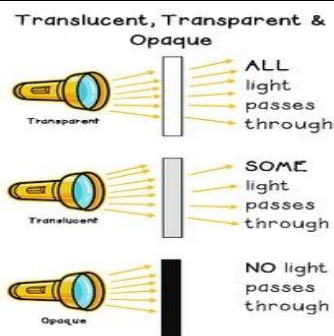
Identifying and classifying gather and record data, using observations and ideas to suggest answers to questions.

Tier 3 vocabulary

Transparent

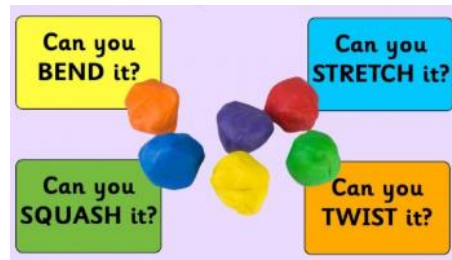
Translucent

Opaque



Changing the shape of materials:

Squash  
Bend  
Twist  
Stretch



**Reflective:** When light bounces back off a material.

**Absorbent:** A material which can soak up liquid.



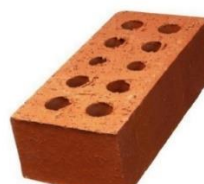
**Flexible**



Flexible materials can easily be bent without breaking.

**Rigid:** Stiff and not flexible

A brick is rigid and hard



**Waterproof**



Waterproof materials do not let any water through nor do they soak up any water.

Investigation skills

**Predict:** What do you think will happen?

**Record:** Using tables, diagrams and pictures to record the findings.

**Evaluate:** Were the results as expected?

**Conclusion:** What did you learn?