Brooklands Primary School

Knowledge Organiser - Science - Autumn Term: Materials

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.

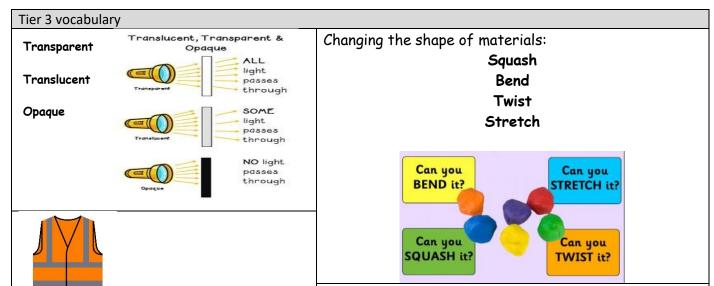
Find out how the shapes of some solid objects made from some materials can be changed by squashing, bending, twisting and stretching.

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.



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

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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?