

Science Knowledge Organiser -

Question: How can we compare the suitability of everyday materials? **Nursted Community Primary School** 

Year 2 - Terms 1 and 2

Prior knowledge	Key knowledge	Subsequent knowledge
Children may have identified a variety of everyday materials and described and compared the simple physical properties of them.	<ol style="list-style-type: none"> 1. Children can name 3 different ways some materials can be changed e.g, twist, bend, squash, stretch. 2. Children can explain why a material is suitable for a purpose. 3. Children can explain why a material is <i>not</i> suitable for a purpose. 	Children will learn the properties of different materials and how these can be changed.

Working Scientifically Skills - Year 1 & 2

At least one LI per block should focus on a WS skill.

- asking simple questions and recognising that they can be answered in different ways
- observing closely, using simple equipment
- performing simple tests
- identifying and classifying
- using their observations and ideas to suggest answers to questions
- gathering and recording data to help in answering questions.

Vocabulary	Meaning
materials	The stuff that something is made from.
transparent	You can see through the material.
translucent	A material that lets some light through but objects on the other side can't be seen clearly.
opaque	A material that can't be seen through and does not allow light to pass through.
waterproof	A material that does not allow water through it.
absorbent	A material that soaks up liquid.
flexible	A material that can be bent, stretched, twisted or squashed.