

Year 2 - Knowledge Organiser: Uses of everyday materials



Skills

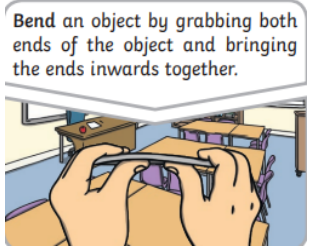
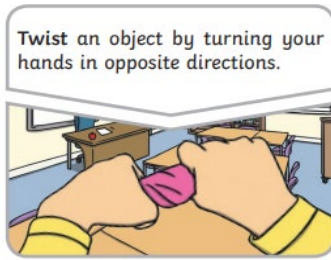
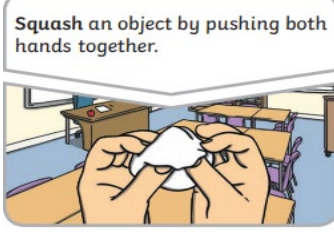
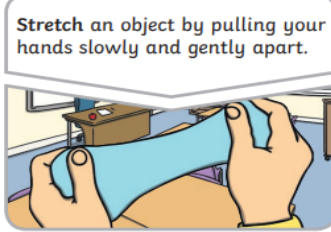
- Describe materials based on their properties - shiny, stretchy, rough etc.
- Observe properties of objects e.g. absorbency of cloths, strength of party hats made of different papers, stiffness of paper plates, waterproofness of shelters.
- Classify in different ways one type of object made from a range of materials e.g. a collection of spoons made of different materials

Knowledge

- To name common materials.
- To know the use of everyday materials.
- To know why different materials are used for different purposes.
- To know how squashing, bending, twisting and stretching materials changes the shape of an object.
- To explain an appropriate method for testing an object for a particular property.

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| Essential vocabulary | |
|---|--|
| <i>card</i> | <i>A thick piece of paper.</i> |
| <i>cardboard</i> | <i>A stiff, thick kind of paper used especially to make boxes.</i> |
| <i>foil</i> | <i>A very thin sheet of metal.</i> |
| <i>dull</i> | <i>Not sharp edges or not bright.</i> |
| <i>stiff</i> | <i>Does not easily bend.</i> |
| <i>shiny</i> | <i>A bright surface that reflect light.</i> |
| <i>smooth</i> | <i>A flat surface that has no lumps.</i> |
| <i>rough</i> | <i>An uneven surface with bumps.</i> |
| <i>absorbent</i>  | <i>A object that soaks up water.</i> |
| <i>waterproof</i>  | <i>An object that doesn't allow water through.</i> |

| Question/Vocabulary | Essential Knowledge | Question/Vocabulary | Essential Knowledge |
|---------------------------|--|---------------------|--|
| Properties of a material. | What a material is like and how it behaves. | bend |  |
| suitability | The properties which are right for a specific purpose. | twist |  |
| squash |  | stretch |  |

Bridging backwards:



Year 1 Uses of everyday materials

Bridging forwards:



Year 3 Uses of everyday materials