











# Year 1 - Everyday Materials

# SCIENCE KNOWLEDGE ORGANISER

| Key Vocabulary  |   |
|---|---|
| <br>material   | What something is made from.  |
| <br>rough      | Something that feels and looks uneven and bumpy.                                |
| <br>smooth     | Something that has no lumps or bumps.   |
| <br>hard       | Not easily broken or bent - it cannot be squashed easily.                       |
| <br>soft       | Something that can easily be cut, easily be folded or its shape can be changed. |
| <br>stretchy   | Something that can be pulled to make it longer or wider.                        |
| <br>bendy      | Something that can easily be bent or folded.                                    |
| <br>absorbent  | Something that soaks up water.  |
| <br>waterproof | Something that keeps water out - it stays dry.                                  |

| Key Knowledge   |  |
|---|--|
| <p>A material is what something is made from. Everything is made from a material and there are many different materials all around us:</p>  |  |
| <p>wood</p>    | <p>metal</p>    |
| <p>rock</p>    |                 |
| <p>water</p>  |  |
| <p>glass</p>    | <p>plastic</p>  |
| <p>fabric</p>    | <p>paper</p>    |
|   | <p>brick</p>    |
| <p>Certain materials are better than others for making objects, depending on their properties (the qualities and characteristics of something) and what the object is used for.</p> |  |
|   |  |

| Key Questions   |   |
|---|---|
| Can you name some objects and the materials they are made from? | A pencil is made of wood, a jar is made of glass and a bottle is made of plastic etc.       |
| Why is glass good for making windows?                           | It is waterproof, transparent (see-through) and quite hard. It cannot be bent or stretched. |
| Would jelly make a good table?                                  | No, it is too soft and bendy. It would not be very useful.                                  |
| What material should a boat be made from?                       | A material that is waterproof and hard e.g. metal, plastic or treated wood.                 |