


# Year 1 Knowledge Mat: Materials

| Subject Specific Vocabulary |  |
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| materials                   | What something is made of, e.g. wood or plastic.                               |
| wood                        | The material that comes from a tree. It varies in hardness.                    |
| plastic                     | A 'man-made' material that can be shaped or moulded to any shape.              |
| metal                       | A tough and strong material which can be heated and shaped into anything.      |
| liquid                      | Liquids can flow and take on the shape of their container.                     |
| gas                         | We can't see gas but it is all around us. There are different types of gasses. |
| stretch                     | A stretchy material is one that is like elastic.                               |
| stiff                       | A stiff material is firm and hard and not flexible.                            |
| bendy                       | A bendy material is one that can be twisted and is flexible.                   |
| waterproof                  | A material that does not allow water or liquid through.                        |
| shiny                       | A shiny material is sparkly or glossy and sometimes glittery.                  |



| Exciting Books  |
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| Materials for Clothes   |
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| <b>Leather</b> – used for shoes, jackets and belts.                 |
| <b>Wool</b> – used for jumpers, socks, pyjamas and coats            |
| <b>Cotton</b> – used for clothes we wear on warmer days and shirts. |
| <b>Silk</b> – expensive material used for scarves and blouses       |

| Sticky Knowledge about Materials  |
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| Glass is used for... <ul style="list-style-type: none"> <li>windows in houses and cars to see through.</li> <li>mirrors – to see yourself – your reflection.</li> </ul>               |
| Metal is used for... <ul style="list-style-type: none"> <li>strength in the construction of planes, cars and trains and especially tall buildings.</li> </ul>                         |
| Wood is used for... <ul style="list-style-type: none"> <li>doors – most doors are made from wood.</li> <li>furniture – most furniture is made of wood, often special wood.</li> </ul> |
| Plastic is moulded or shaped... <ul style="list-style-type: none"> <li>to form any shape from buckets to animal jelly casts.</li> </ul>   |