Th

Questions

What are materials?

What are things made of in school?

How can I describe materials?

Which materials are waterproof and which are not?

Which materials are transparent and which are opaque?

What’s the best material for the job? Why?

**Key Vocabulary**

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| --- | --- |
| **Tier 2** | **Tier 3** |
| absorb | materials |
| rough | properties |
| smooth | flexible |
| waterproof | transparent |
| metal | opaque |
| plastic | physical |
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**Big Ideas/Substantive Concepts**

Materials

Properties

Use what you know

Pupils should be taught to:

* distinguish between an object and the material from which it is made
* identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock describe the simple physical properties of a variety of everyday materials
* compare and group together a variety of everyday materials on the basis of their simple physical properties

Making connections to prior learning

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| **EYFS: “The Natural World”**  Explore the natural world around them, making observations and drawing pictures of animals and plants.  Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.  **EYFS: “Creating with Materials”**  Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function; Share their creations, explaining the process they have used.  Make use of props and materials when role playing characters in narratives and stories. |

Year 1 Everyday Materials

**Resources:** [CUSP curriculum](https://www.unity-curriculum.co.uk/history/history-ks2/) and [Curriculum vision](https://www.curriculumvisions.com/indexHistory.html) resources for online non-fiction texts

Working Scientifically

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| --- | --- | --- |
| 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 recoding data to help in answering questions |

**Outdoor Learning Opportunities**

Alfresco Learning: Year 1-“Materials”