

Year 1 Science Knowledge Organiser

Spring 1

Theme: Fire and Ice



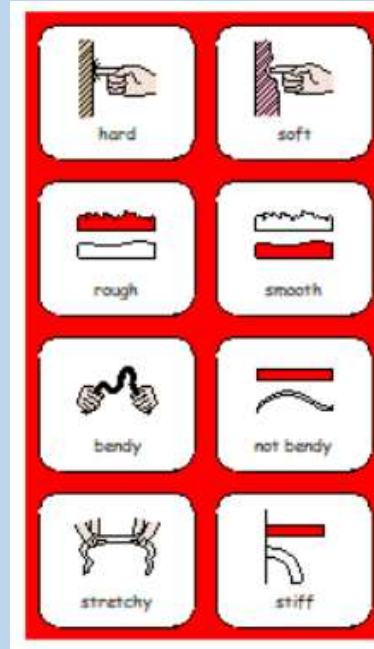
Key Knowledge and Skills

By the end of this unit pupils will...

Materials

Children will be able to distinguish between an object and materials. An object is a thing that can be used such as a chair, car or door. The material is what the object is made from such as glass, wood and plastic. Every material has a set of properties (e.g. glass is transparent and not absorbent). Children will investigate these properties using the key vocabulary to create a suitable boat (linked with the topic of Titanic), giving reasons for their choices for example selecting a plastic bottom as it is waterproof.

Key Vocabulary



Working Scientifically

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| | <ul style="list-style-type: none"> » Ask questions. » Recognise when identifying and classifying will help me answer my questions. » Use secondary sources to identify and classify things. » Look for similarities and make comparisons. |
| | <ul style="list-style-type: none"> » Ask questions. » Make careful observations. » Use scientific language. » Draw and label what you observe. » Use observations to suggest answers to questions. » Talk about and explain observations using scientific knowledge and understanding. » Observing over Time |
| | <ul style="list-style-type: none"> » Ask questions and find different ways to answer them. » Use scientific language. » Use equipment to make observations. » Make careful observations. » Talk about findings. » Make simple conclusions. |

