



Skills and Knowledge Organiser

Year 1 Summer Term Science – Everyday Materials

| Key Knowledge and Skills | Working scientifically | Key Vocabulary | Key Questions |
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| <p>To name some common objects around the school and home</p> <p>To distinguish between an object and the material from which it is made</p> <p>To name materials which have lots of different uses (e.g. paper- wrapping paper, tissue paper, writing paper, birthday card)</p> <p>To be able to identify some naturally occurring materials: wood, rock, water.</p> <p>To be able to identify some man-made materials: glass, metal, plastic.</p> <p>To identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock</p> <p>To describe objects that are made from lots of different materials</p> <p>To name objects that are sometimes made from different materials (e.g. spoons- plastic, wooden, metal)</p> <p>To make observations of common objects and the different materials they are made of</p> <p>To communicate these observations using descriptive words (e.g. bendy, rough, hard)</p> <p>To identify some properties of materials (e.g. see through, waterproof, absorbent)</p> <p>To describe the simple physical properties of a variety of everyday materials</p> <p>To make predictions about which materials will float and sink</p> <p>To compare and group together a variety of everyday materials on the basis of their simple physical properties (both visible and non-visible)</p> <p>To explain why people started using plastic bags rather than paper bags</p> | <p>asking simple questions and recognising that they can be answered in different ways</p> <p>observing closely, using simple equipment</p> <p>performing simple tests</p> <p>identifying and classifying</p> <p>using their observations and ideas to suggest answers to questions</p> <p>gathering and recording data to help in answering questions</p> | <p>Material- the substance that objects are made from.</p> <p>Man-made- describes something that has been made or caused by humans.</p> <p>Natural- describes something that comes from nature, rather than being man-made.</p> <p>Transparent- (of a material or article) allowing light to pass through so that objects behind can be distinctly seen. You can see through it.</p> <p>Waterproof- a garment, material or object that keeps out water.</p> <p>Absorbent-(of a material) able to soak up liquid easily.</p> <p>Bendy</p> <p>Rough</p> <p>Smooth</p> <p>Float</p> <p>Sink</p> | <p>Can children name a selection of materials?</p> <p>What can I use this material for?</p> <p>What is the difference between natural and man-made materials?</p> <p>Why are different objects made from different materials?</p> |



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Investigations

Let's Build! Children will investigate which materials will float or sink and build houses for the three little pigs, using and comparing a range of materials- <https://www.stem.org.uk/resources/elibrary/resource/26905/everyday-materials-lets-build>