







Science Knowledge Organiser Year 1 - Everyday materials

<p style="text-align: center;"><u>Question for Learning;</u> <u>What is it like?</u></p> <p>Key learning;</p> <ul style="list-style-type: none"> Materials can have more than one property. For example some toys are made of plastic and metal. 	 Grouping and classifying
<p style="text-align: center;"><u>Question for Learning;</u> <u>Does it bend or stretch?</u></p> <p>Key learning;</p> <ul style="list-style-type: none"> Be able to identify whether a material is bendy or stretchy. A pipe cleaner can bend but not stretch. 	 Carrying out simple comparative and fair tests
<p style="text-align: center;"><u>Question for Learning;</u> <u>How wet can you get?</u></p> <p>Key learning;</p> <ul style="list-style-type: none"> Understand what is meant by waterproof, absorbent and soak up and identify materials according to this. Water runs off waterproof materials and can be used for a coat. 	 Carrying out simple comparative and fair tests
<p style="text-align: center;"><u>Question for Learning;</u> <u>What do our plates feel like?</u></p> <p>Key learning;</p> <ul style="list-style-type: none"> Begin to recognise whether a material has several properties. A rock is hard, smooth and heavy. 	 Grouping and classifying
<p style="text-align: center;"><u>Question for Learning;</u> <u>What properties do ice and water have?</u></p> <p>Key learning;</p> <ul style="list-style-type: none"> Recognise the difference between ice and water and understand they are made from the same material. Ice is water that is frozen and when it heats up turns back to water. 	 Carrying out simple comparative and fair tests
<p style="text-align: center;"><u>Question for Learning;</u> <u>How will you decorate your picture frame?</u></p> <p>Key learning;</p> <ul style="list-style-type: none"> Identify and use a variety of materials fit for a purpose. 	 Grouping and classifying

Key Words

Properties	A physical property is one that a person can measure without changing the material eg colour, texture, hardness.
Materials	A material is any substance that has a name eg wood, plastic, metal.
Liquid	Liquids take the form of their container eg water, juice they take up space.
Surface	The surface is the outer layer of an object.
Object	An object is a person or a thing that receives the action of a verb eg. Chair, dog, rock.

