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| **Unit: Everyday Materials** | **Year 1** | **Strand: Chemistry** |

**Investigation/s:**

* **Sorting different materials according to their properties.**
* **Describing different liquids.**
* **Save the egg – materials that are good for the egg to land on.**
* **Answering questions about materials use, and explaining using scientific reasoning.**

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| **What will be taught through the unit:** |
| **Objects are things that you can touch or see.****Objects are made from materials** |
| Which materials are some objects made from? |   |
| What words can be used to describe materials? |   |
| Which materials are natural, and which are man - made? | * Some materials are **natura**l, whilst others are **man – made.**
* **Natural** materials are materials that are found in nature.
* **Man – made** materials are materials that have been produced by humans.
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| **Vocabulary:** |
| Absorbentbendydullelasticfabricsfoilglassman – mademetalnaturalopaqueplasticrockroughshinysmoothsoftstiffstretchytransparentWaterproofWood  | Material that soaks up liquid easilyAn object that bends easily into a curved shapeA colour that is not brightA rubber material that stretches when you pull it and returns to its original size and shape when you let it go.Cloth or other material made by weaving together cotton, wool or other threads.Sheets of metal as thin as paperA hard transparent materialThings that are created by people.A hard substance such as iron, steel, gold or lead.Things that exist in nature and are not made by peopleIf an object or substance is opaque you cannot see through it.A material which is light in weight and does not break easily.The hard substance the Earth is made fromUneven and not smooth.Things that are bright and reflect light.No roughness, lumps or holes.Not rough or hardFirm or does not bend easilySlightly elasticIf an object or substance is transparent, you can see through it.Does not let water pass throughThe material that forms the trunk and branches of trees. |

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| **What I Should Already Know:** |
| * Objects look and feel different based on what they are made from.
* Have used different materials when creating pictures/art.
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