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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:** | |
| Absorbent  bendy  dull  elastic  fabrics  foil  glass  man – made  metal  natural  opaque  plastic  rock  rough  shiny  smooth  soft  stiff  stretchy  transparent  Waterproof  Wood | Material that soaks up liquid easily  An object that bends easily into a curved shape  A colour that is not bright  A 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 paper  A hard transparent material  Things 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 people  If 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 from  Uneven and not smooth.  Things that are bright and reflect light.  No roughness, lumps or holes.  Not rough or hard  Firm or does not bend easily  Slightly elastic  If an object or substance is transparent, you can see through it.  Does not let water pass through  The 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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