**Autumn 2 Understanding the world/People and communities (science link)**

**Key knowledge**

* To know leaves, rivers, mountains, we are part of nature and they are natural.
* Man-made things in our world such as cars, buildings and toys are made from different materials.
* Texture is how something feels to touch.

**Science**

In science, we look at the world around us. Scientists try to find Scientists learn about their subject by observing and experimenting. Early science is found in:

**ELG: Understanding the World/The world:** To know about similarities and differences in relation to places, objects, materials and living things. They talk about the features of their own immediate environment and how environments might vary from one another

**Expressive arts and Design:** To begin to be interested in and describe the texture of things.

**Developing Curiosity**

* Which material would be best for Incy Wincy’s shelter?
* Would a cardboard cup be useful?
* Can you change the shape of plastic objects?
* How are natural materials used in everyday life?

**Fun Facts**

* Plastic is made from oil
* Wool comes from sheep
* Latex gloves are made from a milky liquid inside a Hevea tree
* Bank notes used to be cotton paper, now they are made from polymer plastic.



**Key Vocabulary**

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| Material  | The matter from which a thing is or can be made from. |
| Object | A physical thing such as a toy, ball, pen.  |
| Properties | Characteristics of a material. |
| Waterproof | Does not allow water to go through it. |
| Non waterproof | Let’s water go through it. |
| Melting | Turns to liquid when heated. |
| Observe | Look carefully at something. |
| Recycle | Using the materials to make something new. |
| Natural | Something that exists, and was not made by someone. |
| hard, smooth, bumpy, squashy, soft, bendy, rough, plastic, metal, wood, fabric, rubber |

Materials