

Year 2— Where in the world are we? Children will have a good knowledge of different types of materials and their properties.

What should I already know?

Distinguish between an object and the material from which it is made.

Identify and name a variety of materials, including wood, plastic, glass, metal, water and rock.

Compare and group everyday materials.

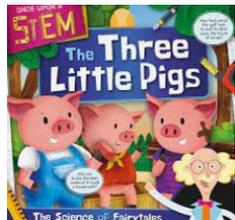
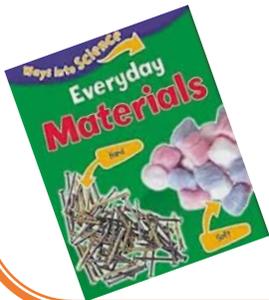
Key Vocabulary

material, solid, object, squashing, bending, twisting, stretching, suitability, metal, plastic, glass, brick, rock, paper, cardboard, strongest, rigid, flexible, fabric, properties, various, rubber, inflatable, hard, smooth, transparent, stiff

Resources to help me with my learning!

<https://www.bbc.co.uk/bitesize/topics/zrssgk7>

<https://www.youtube.com/watch?v=ErmhTr0A9pw>



What will I know by the end of this unit?

- I know that material is what an object is made from.
- I know that materials are selected carefully based on their suitability.
- I know that some objects can be made from various materials e.g. a shoe can be made from rubber, leather or fabric.
- I know that you can change the shape of some materials.
- I know that squashing an object is when you crush something so that it becomes flat, soft or out of shape. 
- I know that bending an object changes a straight object so it is curved.
-  I know that twisting an object changes the shape by turning it.
- I know that stretching an object is when you make something longer or wider without tearing or breaking it.