Science Knowledge Organiser

Topic: Uses of Everyday Materials Year: 2 Strand: Chemistry

Southwold Primary School

What should I already know?

- I can name several materials
- Some are natural, some are man-made
- I can name some properties of materials
- I know the slogan "reduce, re-use, recycle"

What will I know by the end of this unit?

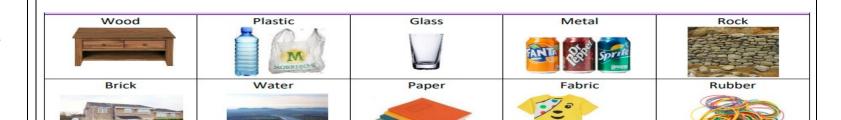
- I understand that designers select materials because of the properties of the material
- Objects are made from different materials, e.g. a chair is made from wood and metal parts
- I can group materials based on a test, e.g. 'Can I change the material by stretching it?'
- I can name examples of how humans help the environment by using less (reduce), use it again (re-use) or throw it away in the right bin (re-cycle)



Vocabulary	
absorbent	Able to soak up a liquid like water.
flexible	Able to bend.
hard	Not easily broken.
man-made	Created by humans.
natural	Existing in nature.
opaque	Cannot be seen through, not letting light shine through it.
rigid	Unable to bend.
rough	Uneven, irregular surface.
shiny	Light is reflecting of it.
soft	Hot hard or firm on the touch.
translucent	Allows some light to pass through it.
transparent	Can be seen trough, allows light to shire through.
waterproof	Does not let water through .

Working Scientifically

- Draw observations and label materials.
- Pattern seeking and grouping (differences and similarities).
- Use descriptive language to name an observed effect.



Materials

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