

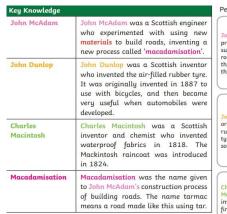
Buglawton Primary School

Be the Best We Can

Topic: Everyday Materials Subject: Science Year: 2 Term: Spring

What should I already know?

- Distinguish between an object and the material from which it is made.
- Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock.
- Describe the simple physical properties of a variety of everyday materials.
- Compare and group together a variety of everyday materials on the basis of their simple physical properties.
 - What will I know and by the end of the unit?
- Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.
- Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.
 - What will I be able to do by the end of the unit?
- Can name an object, say what material it is made from, identify its properties and make a link between the properties and a particular use
- Can label a picture or diagram of an object made from different materials
- For a given object can identify what properties a suitable material needs to have
- Whilst changing the shape of an object can describe the action used
- Can use the words flexible and/or stretchy to describe materials that can be changed in shape and stiff and/or rigid for those that cannot
- Can recognise that a material may come in different forms which have different properties
- Can sort materials using a range of properties



To look at all the planning resources linked to the Uses of Everyday Materials unit,

People who developed new materials: John MeAdam's process was so successful that roads were built in this way right across the world. John Dunlop originally used rubber to make tyres for his son's tricycle. Gigiven a given a dissolved rubber of fabric by painting a dissolved rubb



Agreed Real-life outcome:

- Can explain using the key properties why a material is suitable or not suitable for a purpose
- Can begin to choose an appropriate method for testing a material for a particular property