

Uses of everyday materials

Innovation

Key Vocabulary

Tier 1: change, same and different.

Tier 2: man-made, natural, waterproof, weak, strong, compare, properties and material.

Tier 3: Opaque,

Prior Knowledge

Year 1: Compared and grouped together a variety of everyday materials on the basis of their properties.

Described the simple physical properties of a variety of everyday materials.

Identified and named a variety of everyday materials e.g. wood, plastic, glass, metal, water and rock.



My Component Knowledge:

Lesson 1: I can identify what materials are made from and think about how they are similar and different.

Lesson 2: I can explain some uses of everyday materials.

Lesson 3: I can explain the difference between a man-made and a natural object.

Lesson 4: I can understand what it means for an object to be absorbent.

Lesson 5: I can investigate into whether heat can change the shape of an object.

Lesson 6: I can identify an appropriate material to make a water bottle.

My Composite Knowledge:

I can investigate a range of everyday and identify how they can be used..

My Powerful Knowledge:

I can use my observations to identify materials and their uses in the world around me. I can investigate how I can innovate materials in different ways. I can select and apply key vocabulary in my written and verbal explanations.

I'm thinking of an object that is made from trees. What could it be?



Can you change the shape of an elastic band?



Why is cotton a natural material?