Year 5 Autumn 2 - Topic Homework

Material Detective

Find 10 **objects** around your house and record:

- What material they are made from
- Why that material was chosen
- Whether it is transparent, translucent, opaque, magnetic, waterproof, flexible or rigid

Reversible or Irreversible?

Create a poster showing 6 examples of changes, such as:

- Melting ice
- Freezing water
- Dissolving sugar
- Burning wood
- Cooking an egg
- Rusting metal

Kitchen Scientist

What do you notice when you mix...

- Salt
- Sugar
- Sand
- Rice
- Flour

With water?

Product Designer

Draw and label your product design. Explain:

- Which materials you would use
- The properties of those materials
- Why those materials are suitable

Memorial Research

Visit or research a local war memorial.

Create a fact file including:

- Where it is located
- What it commemorates
- Any interesting features or symbols
- A sketch or photograph

Poppy Art

Create your own poppy-inspired artwork using recycled materials found at home.

Ideas:

- Tissue paper collage
- Wire sculpture
- Mixed-media picture
- Painted poppy silhouette