

## Task:

Carry out research on the 2 categories of plastic, different types of plastic and what they might be used for and present your research in your own way.

## What you need to find out:

- Whats the difference between a thermoplastic and thermosetting plastic?
- Find out about **acrylic** and **urea formaldehyde**
  - Find out what category these fall into, what they are used for and some **properties** of these plastics
- Find out about 2 types other types of plastic in each category.
- What kind of products are made from this type of plastic?
- Why is that plastic suitable for that product?

## Properties

A property of a material is like characteristic or a trait. Different properties make different materials suitable for different things.

For example, a property of aluminium (a type of metal which drinks cans are made from) is that it does not rust. This makes it suitable for cans as when it is full of juice, it won't rust.

## How should you gather your research and present it?

This part is down to you. You can use the internet, books, tv, youtube or ask someone who knows about wood.

How you present your research is also up to you.

You can make a poster (on paper or on a computer/tablet), a video, a powerpoint, a tiktok.. The list goes on!

Be as creative as you want, make it colourful, informative and include pictures. But make sure that your research is clear, **concise**, and can be understood easily.

## Concise:

**Explaining, describing or expressing something in a few words as possible. The opposite of wordy, lengthy. Getting straight to the point.**

Literacy