

Research Task

1) What are polymers and what are they made from?

2) In a detailed paragraph describe the defining characteristics of a polymer.

3) Give an example of a product that we use regularly in everyday life that is manufactured from a polymer. Sketch an image of the product.



4) Define the difference between a thermo-plastic and a thermo-setting plastic. Give examples of their different properties.

5) Define what recycling is and explain why it is good for the environment to recycle plastics?

6) Why do you think polymers are so popular in manufacturing? What benefits do they offer over alternative materials?

7) Identify one recent development in polymers that may solve the problem of plastics ending up in land-fill.

8) Describe how a 3d printer turns a roll of plastic into a finished form.
