



Autumn 2

Science

Chemistry - Raw and Synthetic Materials



In this unit, we will be learning:

1. What is a raw material?
2. What is a synthetic material?
3. How are synthetic materials made from raw materials?
4. What is recycling and why is it important?
5. What does it mean to live sustainably?

Subject Specific Vocabulary

materials	Materials are what objects are made from.
raw	Raw materials are materials that have not been processed.
synthetic	A material is synthetic when it is not made up of natural substances, like cotton or wool, and is man-made artificially from chemical reactions.
recycling	Recycling means taking a material and putting it through a process so the material can be used again instead of being wasted.
sustainable	Sustainability is the idea that humans must interact with the environment in a way that ensures there will be enough resources left for future generations.
durable	Able to exist for a long time without significant deterioration in quality or value.
malleable	Being able to bend or shape easily.