

# Recycled Materials

This lesson covers identifying different everyday materials, how they are made, and why recycling them is important.

## Objectives

- To identify different materials and what they can be made into.
- To learn that the recycling process sometimes changes the properties of a material.
- To learn that making items from raw materials can damage the environment.

## Lesson Outline

Class discussion:	Ask the children to describe the term 'recycle'. What can they recycle? What happens to items that are put in the bin rather than recycled? Show a picture of landfill and describe the environmental impact. Why is it important to recycle? Discuss the energy, time and material savings and the impact on the environment of mining for raw materials.
	Show the children what can be recycled locally and what those things are turned into. Let them look at a range of recycled items and discuss in pairs what they are and what they have been created from. How has recycling changed the original item? Share ideas with the class.
	Show samples of materials mid way through being recycled (e.g. glass cullet and plastic flakes).
Activity:	Finish the session by transforming a magazine page into an envelope or box or an individual size juice carton into a mini wallet.
Extension activity:	Why not try out our lesson plan 'Waste Pizza'. This explores the details of waste and why recycling is important.

### Resources you will need:

- Selection of recycled products and the part processed equivalent.
- Picture of landfill.\*
- Materials that can be recycled locally.
- Juice carton or magazine page per child.

\*Photo/picture attached below for printing.



