

MAKING SOIL AS NATURE DOES

OVERVIEW

This Science and Design and Technology activity encourages young people to learn about compost as a natural process and to set up a collection system for your home or school.

OBJECTIVES

- To learn that composting is a natural process and an important part of the life cycle of plants
- To discover which foods can be composted and how to create a compost
- To provide real opportunities for pupils to take action to reduce food waste

WHAT YOU NEED

- Resource sheet 1: Compost or bin?
- Resource sheet 2: How to build your compost heap
- Resource sheet 3: Top tips for your compost heap



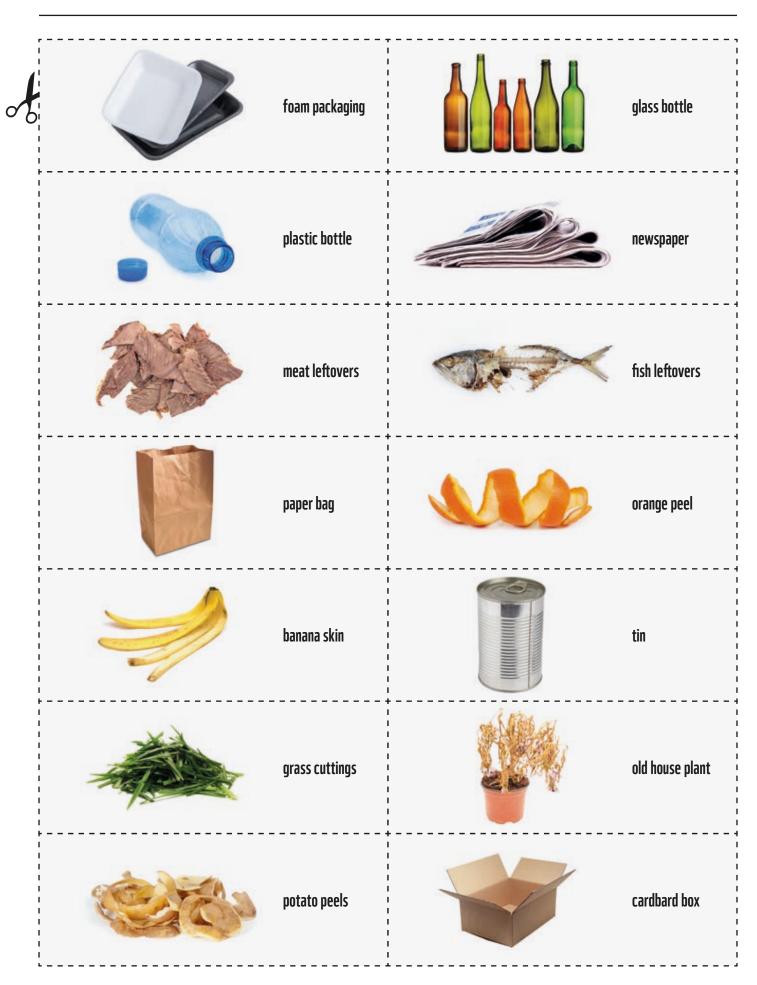
GET GOING

The project can start with a fun sorting game: compost or bin. Look at the cards in resource sheet 1 and decide which items go into the bin and which could go into the compost. Natural materials (e.g. vegetable peelings, fruit skin, grass cuttings etc.) break down over time whereas some human-made materials (e.g. plastic, metals) can last forever in the environment. Encourage young people to start composting food waste and set up a collection system at home or school. You can buy a compost bin or build one at home or in your school grounds as a Design and Technology project. Making compost is copying what happens in nature by recycling the nutrients found in plants to help new plants to grow. Not only is making compost good for plants, it also cuts down on the amount of food waste and is good for the planet! Composting also provides plenty of opportunities for scientific investigations, looking at how soil forms or studying the life of worms and other invertebrates. Setting up a collection system will help young people to develop their teamwork and communication skills.

RESOURCE SHEET1: COMPOST OR BIN?



RESOURCE SHEET1: COMPOST OR BIN?



RESOURCE SHEET2: TOP TIPS FOR YOUR COMPOST HEAP

