

Food Waste Recycling Lesson Plan

Before you start

This lesson should only be delivered in schools whose Council area collects food waste. You should check that food waste can be recycled by using the **Recycling Locator**:

- 1 Click to open the [Recycling Locator](#)
- 2 Click **How to Recycle at home**
- 3 Enter your school's town or postcode
- 4 Find out if food waste can be recycled in your school's council area

Aim

The aim of this lesson is to educate primary school pupils aged 7-11 in Scotland on food waste recycling. It intends to inform children of Zero Waste Scotland's relevant key messages which include: why we should recycle food waste, what food waste can be recycled and the food waste recycling journey, including statistics about food waste recycling.

The Food Waste Recycling Lesson has been designed to take approximately 35 minutes and the optional bolt-on to take up to an additional 25 minutes to be delivered by a class teacher or waste officer.

Learning Objectives	Success Criteria
To understand why we should recycle food waste	✓ Explain how food waste recycling is good for the environment/ saves money
To identify at least 3 food waste items that we can recycle	✓ Participate in the 'food waste recycling quiz' and the bolt-on 'food waste recycling game'
To know what happens to food waste when it is recycled	✓ Participate in the 'food waste recycling journey activity' and the 'food waste recycling quiz'

Resources

Provided in this pack:

- Teacher's Guide/ Waste Officer's Guide
- Food Waste Recycling Lesson PowerPoint Presentation (including teacher-led discussions, activities, videos etc.)
- Food Waste Recycling Lesson Bolt-On PowerPoint Presentation
- Pupil Reflection on Food Waste Recycling Lesson (Bolt-On)
- Action cards

Required in Classroom:

- Computer – with Microsoft PowerPoint and internet access
- Projector
- Class-set mini-whiteboards*
- Class-set whiteboard pens
- Class-set whiteboard wipes

*A4 pieces of paper and pens could be used as a substitute

Lesson

Timing	Task	Resources
3 minutes	Class settles, topic introduced, <i>Learning Intentions & Success Criteria</i> covered	<ul style="list-style-type: none">• Food Waste Recycling Lesson PowerPoint slides 1 & 2• Teacher's Guide/Waste Officer's Guide
5 minutes	Think-Pair-Share Activity (N.B. See Teacher's Guide/Waste Officer's Guide for instruction)	<ul style="list-style-type: none">• Food Waste Recycling Lesson PowerPoint slide 3• Class-set mini-whiteboards, whiteboard pens, whiteboard wipes• Teacher's Guide/Waste Officer's Guide
2 minutes	Class discussion on why we should recycle food waste	<ul style="list-style-type: none">• Food Waste Recycling Lesson PowerPoint slides 4• Teacher's Guide/Waste Officer's Guide
3 minutes	Class discussion on 'What types of food waste can I recycle?'	<ul style="list-style-type: none">• Food Waste Recycling Lesson PowerPoint slides 5-8• Teacher's Guide/Waste Officer's Guide
7 minutes	Activity: Food Waste Diary	<ul style="list-style-type: none">• Food Waste Recycling Lesson Bolt-On PowerPoint slide 9• Class-set mini-whiteboards, whiteboard pens, whiteboard wipes• Teacher's Guide/Waste Officer's Guide

3 minutes	Class discussion on 'How do I recycle food waste?' and video	<ul style="list-style-type: none"> • Food Waste Recycling Lesson PowerPoint slides 10 & 11 • Video: Food recycling tip • Teacher's Guide/Waste Officer's Guide
5 minutes	Food Waste Recycling Journey & Activity: Pupils to learn what happens to food waste when it is recycled	<ul style="list-style-type: none"> • Food Waste Recycling Lesson PowerPoint slides 13-15 • Video: Food Waste - How is it recycled? • Class-set mini-whiteboards, whiteboard pens, whiteboard wipes • Teacher's Guide/Waste Officer's Guide
2 minutes	Pupils to consider what action they can take to recycle more food waste at home	<ul style="list-style-type: none"> • Food Waste Recycling Lesson PowerPoint slide 12 • Action cards • Teacher's Guide/Waste Officer's Guide
5 minutes	Food Waste Recycling Quiz, Learning Intentions and Success Criteria revisited	<ul style="list-style-type: none"> • Food Waste Recycling Lesson PowerPoint slide 16-18 • Class-set mini-whiteboards, whiteboard pens, whiteboard wipes OR paper, pens • Teacher's Guide/Waste Officer's Guide

Bolt-On

If the Food Waste Recycling Lesson Bolt-On will be used, insert the additional activities after the **Food Waste Recycling Journey** and before the **Food Waste Recycling Quiz**.

Timing	Task	Resources
2 minutes	Class discussion on food waste facts and top tips	<ul style="list-style-type: none">• Food Waste Recycling Lesson Bolt-On PowerPoint slides 1-3• Teacher's Guide/Waste Officer's Guide
10 minutes	Activity: Food Waste Recycling Facts	<ul style="list-style-type: none">• Food Waste Recycling Lesson Bolt-On PowerPoint slides 4 & 5• Class-set mini-whiteboards, whiteboard pens, whiteboard wipes OR paper, pens• Teacher's Guide/Waste Officer's Guide
6 minutes	Game: 'What types of food waste can I recycle?' In groups pupils to name as many types of food waste as they can; first group to 10 types wins	<ul style="list-style-type: none">• Food Waste Recycling Lesson Bolt-On PowerPoint slide 6• Class-set mini-whiteboards, whiteboard pens, whiteboard wipes• Teacher's Guide/Waste Officer's Guide
7 minutes	Pupil Reflection on Food Waste Recycling Lesson	<ul style="list-style-type: none">• Food Waste Recycling Lesson Bolt-On PowerPoint slide 7 & 8• Pupil Reflection on Food Waste Recycling Lesson• Class-set mini-whiteboards, whiteboard pens, whiteboard wipes OR paper, pens• Teacher's Guide/Waste Officer's Guide

Justification

In 2011, Zero Waste Scotland launched the [Recycle for Scotland](#) campaign, building on the established UK-wide Recycle Now brand. Recycle for Scotland provides advice and information on how to recycle, and encourages increased recycling behaviour both at home and on the go. The campaign logo and iconography is used by every Scottish local authority and is being adopted by organisations across the country.

This lesson has been developed to support the work of Zero Waste Scotland with the education sector; it has been created with Curriculum for Excellence (CfE) in mind and has been matched to relevant CfE outcomes across curriculum areas at the second level. Please see the accompanying Links to Curriculum for Excellence in the Teacher's Guide/ Waste Officer's Guide.