

Talking rubbish Key Stage 1

Season: All year **Duration:** 1– 1.5 hours

Overview:

A hands-on introduction to waste and the 3Rs (Reduce, Reuse, Recycle). This session can either take the form of a stand-alone workshop or to reinforce points introduced during a Talking Rubbish assembly. Activities involve a mixture of games, group work and discussion.

Learning Objectives:

- To understand what happens to household waste in Somerset.
- To explore the problems associated with land-filling rubbish and introduce the concept of the 3 Rs (reduce, reuse, recycle) as better alternatives.
- To investigate each of the 3Rs in more detail, relating this to daily life and giving easy examples of how each 'R' can be put into action.

Key Vocabulary:

Rubbish
Waste
Reduce
Reuse
Recycle
Material
Paper

Landfill Site
Bury
Pollution
Plastic
Cardboard
Aluminium foil
Food waste

National Curriculum Links:

Science: Year 1: Everyday Materials
Year 2: Uses of Everyday Materials

Design and Technology: Key Stage 1: Design
Evaluate

Resources to be provided by school:

Interactive whiteboard or projector and screen, large space to play sort it! game (indoors or outside).

Outline of Activities with approximate timings:

Please note: We can tailor activities to suit the abilities of your class and time available.

Introduction (15 minutes)

Using a variety of images as part of a short power-point presentation the issue of waste disposal and the benefits of the 3Rs (reduce, reuse, recycle) are introduced and discussed. If the workshop follows a 'Talking Rubbish' school assembly, the presentation can be omitted/ shortened as the games and activities will embed points raised during the assembly.

Reduce 'Snap' Game (10 minutes)

Working in groups children match up 'rubbish makers' with better 'rubbish reducers' and identify simple ways of reducing the amount of waste they produce.

Reuse Challenge (10minutes)

Continuing to work in groups each group is given a different piece of rubbish and challenged to think of and record as many different ways it could be reused, a within a 2 minute time limit. Each group then feeds back their ideas to the class.

Sort it! Game (20 minutes)

This can take the form of a relay race or circle game:

Sort it: Relay race: split class in to 2 or 3 teams. Each team has a bag of clean, safe rubbish, a recycling box, food waste caddy and rubbish bin. Teams must sort their rubbish into the correct receptacle, with points for putting items in the correct place. Follow-up discussion highlights the correct place for each item (with points for teams that have done so) and suggests alternatives for non-recyclable items.

Talking Rubbish (Key Stage 1)

Outline of Activities with approximate timings (continued):

Sort it: Circle game: Whole class gets into a large circle and each child is given a piece of clean safe rubbish. Leader then asks questions about the rubbish (eg Can your rubbish be recycled? Is your rubbish made of plastic? etc). If the answer to the question is 'yes', children get up and run once around the circle and back to their places. We finish by asking children to put their rubbish into the correct recycling receptacle or rubbish bin.

What's it made of? Game (15 minutes)

Either working in small groups or individually children look at a variety of products made from rubbish, exploring what types of rubbish they are made from, how they are made and which part of the world they have come from.

Eco- Schools Links:

Curriculum-linked activities and practical action on waste and recycling in school could be used as evidence towards an Eco Schools Award. For more information visit:

<http://www.keepbritaintidy.org/ecoschools/>

Suggested follow-up activities:

- Rubbish sort cut and stick activity- download a template [here](#).
- Survey the use of your school recycling bins/ boxes- how many do you have? What materials can you put in them and where are they? Can you design and make labels for your school recycling boxes to encourage people to use them more?
- Explore the properties of different materials commonly found in our rubbish bins: which are hard, soft, shiny, clear, natural, man-made, re-usable, water-proof, bio-degradable etc...
- Rubbish themed story books:
Another Fine Mess by Tony Bonning - A lively story of fox and friends as they try to find somewhere to put their rubbish .
Dinosaurs and all that rubbish by Michael Foreman - A classic environmental story where the dinosaurs definitely know what's best for the world.
Michael Recycle by Ellie Bethel - the green-caped crusader on a mission to save the planet!
Can you write your own rubbish-themed story, perhaps a follow-up story using some of the characters from these books?
- Set up a school recycling project to raise money for your school/ a chosen charity:
Textiles recycling schemes: <http://www.rag-bag.co.uk/index.html> or <http://www.bag2school.com/u/k/home/>
Other recycling schemes: <http://www.reciproc8.co.uk/go/schoolsclubs/schools/> or <http://www.recycle4charity.co.uk> or <http://www.recycleaid.co.uk>
- Other useful websites:
<http://www.somersetwaste.gov.uk> :Local waste and recycling information, top tips and facts.
<http://www.recyclenow.com/schools/index.html>: lots of general recycling information, plus tips and resources for schools.
<http://www.wastebuster.co.uk/> : Join colourful characters Busta and Pong on their waste busting mission! Fun children's activities, plus ideas and resources for teachers.
http://www.reduceuserecycle.co.uk/greendirectory/kids_green_sites.php : directory of fun, environmental- themed websites for children.