



Lesson 1 – Where does our waste go?

Resource 1.7 – Lunchbox challenge & product swap to reduce waste

Aim for the activity:

- Identify food items that have excess wrapping.
- Identify the materials used in the wrappings and whether they can be recycled.
- Begin to distinguish between essential packaging and un-necessary or over packaging.
- Begin to understand about choosing alternative products that have less packaging.
- Start to understand the cost comparison of product quantity and value for money.

Curriculum links for this activity:

- Art and Design – produce creative work, exploring their ideas and recording their experiences
- PSHE – Core Theme 3: Living in the wider world – Economic wellbeing and being a responsible citizen
- Maths year 5 programme of study – Number, multiplication and division
 - Multiply and divide numbers mentally, drawing upon known facts
 - Multiply and divide whole numbers and those involving decimals
- Maths year 6 programme of study – Number, addition, subtraction, multiplication and division
 - Perform mental calculations
 - Solve addition and subtraction multi-step problems in context

Resources:

- Rubbish Rebels Action Pack
- Resource 1.6 (PowerPoint)
- Food magazines from supermarket, so pictures can help give ideas or be cut up (don't worry if you don't manage to find any)

Activity outline:

The class can work in small groups or twos and use the Rubbish Rebels Action Pack to list or draw the items they might put into a packed lunch or take on a picnic. Once they have decided what will be in their lunch / picnic, they will then need to think about the packaging the items would have had on them when they were bought and what they would still be packaged in. Use the picture on the PowerPoint to show some of the packaging. They can label their list or pictures to say what the packaging might be made from.

Note: If some children have packed lunches you could maybe use these as examples.

After they have talked about their lunches and written down the packaging from their example, move on to look at how to create a lunch with less or no waste. The PowerPoint has some photos showing examples. This moves nicely onto the next activity, swapping products for ones with less waste.