



## Lesson 5 – Food Waste

### Gold Award – Food Waste Audit

#### Aim for the activity:

- To involve and engage the whole school into working together
- Reduce the amount of food waste
- Put in place methods to help reduce food waste

#### Curriculum links for this activity:

##### PSHE Living in the wider world

- Respect for self and others and the importance of responsible behaviours and actions
- The importance of respecting and protecting the environment

##### Maths Year 5 programme of study – Statistics

- Solve comparison, sum and difference problems using information presented
- Complete, read and interpret information in tables

#### Resources:

- Produce a recording sheet
- Graph paper / squared paper
- Scales of some sort to weigh the waste

#### Activity outline:

To start this activity you could first run a trial food waste assessment in your class. Using the sample assessment sheet below, create a recording sheet that you can use when going round the school.

Establish when food is consumed – lunch, breaks and maybe a breakfast club if you have one. You can then look at how that food is brought to school or provided by the school. At break times, have a look at how snacks are brought. Use your class first to analyse the food, looking at the packaging. Could this be brought in reusable pots, so if there is any left over it could be kept in a sealable pot and eaten later?

Look at the same sort of things if students bring their own packed lunch. Work through the different products and see if they can come up with some alternative solutions. This will look at two types of waste:

1. the packaging the food was in (can it be reduced or recycled?)
2. whether uneaten food could be saved for later (whether snacks were in a sealable box)

If your class completed Lesson 1 'Where Does Our Waste Go?', you can use the weight information from the activity on weighing food waste. If you have not done this activity, then you can weigh the food waste bags / compost and add this information to your assessment sheet.



After you have carried out your waste assessment for the class and the rest of the school, including talking to the kitchen staff, analyse the information you have recorded, putting it into graphs / charts to see where the most food is being wasted and come up with solutions to help reduce it.

For each of the classes, you need to produce a poster and some key points to help them reduce their waste. Give them all a few weeks to put your suggestions into practice then run another assessment and ask for feedback about what they have changed and whether they think it has helped. You can then analyse your findings and compare them to the initial food waste assessment.

**Duration:**

This activity will continue throughout the Rubbish Rebels programme. As each topic is covered, more information will be learnt and shared to help reduce the waste. The end goal of this food waste assessment activity is that you should see a reduction in food waste being produced.

**Presenting the data:**

This data can be displayed with the rest of the Rubbish Rebels materials on a school display or online on the school news page.

