

ACTIVITY 1

How Much Waste Do You Make?

Suggested Learning Intentions:

To Encourage Pupils to:

- Develop a sense of personal responsibility with regard to waste
- Explore their own habits regarding waste

Connected Learning Opportunities:

KS3: Learning for Life and Work: Local and Global Citizenship; Personal Development

KS3: Language and Literacy

KS3: Mathematics and Numeracy

Thinking Skills & Personal Capabilities:

Thinking, problem-solving and decision making, working with others.

Cross- Curricular Skills:

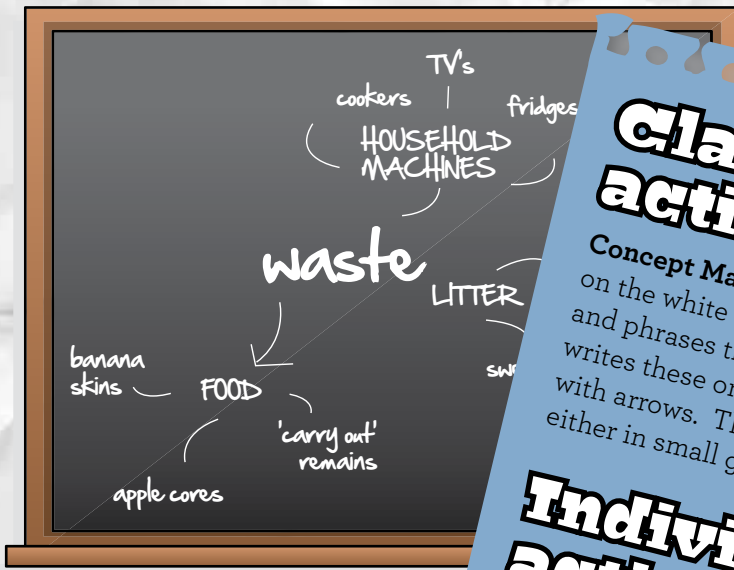
Communication, Using Mathematics.

Eco-Schools

This activity could be used as part of the Eco-Schools seven step methodology (*step 5*) pupils could monitor waste and use it as a baseline at the start of the programme to record reductions in waste through various initiatives they may introduce in the school.

↓ Reduce Activity





Class activity:

Concept Map – the teacher writes the word ‘waste’ on the white board and asks pupils to call out words and phrases they associate with ‘waste’. The teacher writes these on the board, linking connected words with arrows. This should lead to further discussion either in small groups or as a class.

Individual activity:

Pupils should be given the task of compiling a diary detailing the waste they create on an average day.

Finally:

The class is then given the opportunity to use maths skills to estimate how much waste an individual pupil generates in one day, one week and one year. This can also be calculated for the class as a whole.

Class activity:

Discussion *Imagine a world where there is no recycling and all rubbish ends up dumped at landfill sites.* The teacher should encourage the pupils to realise the consequences of their habits with regard to waste.

Extension:

Pupils are asked to come up with an action plan to reduce the amount of rubbish they create. They may be directed to the website www.rethinkwasteni.org for some ideas of ways to **Reduce, Reuse, Recycle**. Pupils can also be directed to the website <http://rethinkwastegame.eco-schoolsni.org/> where they can play an interactive game.