



## Lesson 1 – Where does our waste go?

### Resource 1.1 – Bin Sorting Activity

#### Aim for the activity:

- The students will learn which items that can be put into the different types of recycling bin, and items that cannot be recycle, so go into the waste bin.
- The students should also start to recognise items that can be recycled at other locations (that is, not at the curb side).
- The students should begin to recognise the different materials that items are made from.

#### Curriculum links for this activity:

Science Year 5 programme of study – Property and changes of materials

- Compare and group together everyday materials on the basis of their properties, including their hardness, transparency and response to magnets.
- Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible.

#### Resources:

- ✓ Labels for bins to sort items into (RR L1 Resource 1.3 - Bin Labels)
- ✓ Photos of waste item images for sorting (RR L1 Resource 1.2 - Waste items to sort) (print each set onto a different colour of card / paper to distinguish the groups)
- ✓ Tubs, pots, boxes or bins, to sort the waste item photos into
- ✓ Copy of your kerbside collection details, listing exactly what can go into specific bins in your district. See <http://www.recycleforcumbria.org/recycling/wheredoyoulive.asp>
- ✓ Check in your local supermarket and shops if they recycle plastic bags, batteries and any other items. Look out for other collection points (e.g. clothing banks, shoe collections) in your area, to tell the class about.



#### Activity outline:

You will need the class to work in small groups. Each group will have a set of waste photo cards.

Around the classroom, place out the bins with a label attached or next to each one. If you can get hold of a replica of each recycle bin or bag that is used in your area at kerbside collection, it would help the class to recognise what they might do at home for recycling.

The small groups need to decide what items can be recycled and which box the items should go in. Once all the items have been organised get the class to sit back together in their teams. You then need to bring all the boxes together and go through the items that have been placed in.

**\*\*This can be run as a competition with each team gaining points if they get the items in the correct box.**

If items have been put in the wrong box, talk through why they might have put them in that bin, and what materials they are made from. Talk to the class about what they've learnt about items they can or can't recycle.