Lesson 3: Recycling in our local area

Learning Objective:

- Make and use plans
- Follow directions, estimate and calculate distances.

Introduction:

Whole class discussion- what do children already know about recycling facilities in Cardiff? Look at THE BANK. Focus on schools area. How many children have used the facilities before?

Main Activity:

Lower juniors: Print out a copy of the school area map (See TEACHER RESOURCES- MAPS) for each child. Design an key to show recycling areas, civic amenity centres and any local initiatives close to their school.
Extension: Look at scale of map. Get the children to place the start of a piece of string on the school, then place the string on a straight line to the nearest recycling facility. Calculate the distance. Now place the string along the roads from the school to the recycling facility. Again, calculate the distance. Is their a difference between the two measurements, why? Introduce terms 'As the crows flies' and 'Scale'

Upper Juniors: Print out a copy of the school area map (See TEACHER RESOURCES- MAPS) for each child. They will also need access to a copy of the fully labeled BLANK map showing their local area. Plot facilities on map, recording 4 figure grid references. Design a key to accompany their map.
Extension: Look at scale of map. Using a scale, estimate distances from school to nearest recycling facilities then measure the route using string.

Plenary:

Discuss whether or not children think recycling facilities are located conveniently in Cardiff. Would they like to change anything?