



EMPIRIBOX

Primary School Science

Empiribox is focusing on the environment and how to protect it. Part of this is recycling materials, but how do we do this?

In this activity, your class will investigate how much litter there is on the school grounds and categorise what they find by type. They will then research and discuss how your school can reduce the amount of litter and help recycling in the local area.

Spectacular Science

Litter Survey

How much litter is there in your school?

Task: Count the different types of litter and how much there is of each in and around your school grounds

What you will need

Copy of a litter survey tally chart (provided)

Clipboard

(Optional) Camera or iPad

Class Discussion

Discuss the results – which types of litter were the most common? Which parts of the school had the most litter? Find out about the local recycling centres and discuss how your school can use them.

Key Stage 1

Discuss the importance of recycling and throwing litter in the bin. Talk about the impact on wildlife and the environment (plastics not breaking down, plastic bags being eaten by turtles etc.

Key Stage 2

Can you think of a way that would encourage people to recycle in your school and design posters that would educate people as to why it is so important?

Instructions

Working in pairs or groups divide your school up into different areas and allocate each area to a group of children. Each group surveys their given area for litter and counts each type of litter they can see, recording their results as a tally on an activity sheet. They could also take some digital photographs of the area to show any litter they find.

Top Tips

Tell the children not to pick up any of the litter, to not leave school grounds and to be sure they wash hands when they come back in.

Try and record the different materials of the litter such as plastic, paper and metals. Be aware, crisp packets are actually plastic and not foil!

Litter Survey Tally Chart

Type of Litter	Number	Total
Food waste		
Crisp Packets		
Sweet Wrappers		
Plastic Bags		
Drinks Cans		
Glass Bottles		
Other		