

breakdown game

The below activity is a good method of explaining how long it takes for different materials to breakdown when disposed of, (see below for breakdown times)

Material	Breakdown Time
Paper leaflet/tissue	2-4 weeks
Entire Orange	1-2 years
Banana Peel	Up to 2 Years
Wool Socks	1 - 5 years
Nappy	10 - 20 Years
Leather Boot	50 years
Aluminum can	80 -100 years
Glass bottle	Never
Styrofoam	Indefinitely
Plastic bottle	Indefinitely
Plastic bag	10 - 20 Years
Plastic six pack holder	100 years

- Split class into groups
- Give each group a sheet of paper
- Place all, or some of the above items, on a table at the top of the class
- Ask each group to inspect the different materials
- When finished inspections, ask each group to write down how long they think it would take for each of the items to breakdown/decompose

See if any of the groups got the right answer

After each group has given their estimate, write down all of the correct breakdown times on the black board, but don't include the corresponding materials

Now ask the students to match up the breakdown times to the different materials

At the end of the exercise the teacher can provide the correct material and breakdown times.

Teacher can explain to the class that if all of the above materials were dumped in the landscape, (which is a regular occurrence), and was never removed, imagine what our countryside would look like.

the food chain

A simple food chain: Grass -----> Rabbit -----> Fox

Food Chain Jumble: Can you write the correct order of the food chain?

rabbit	----->	grass	----->	fox	
	----->		----->		
bird	----->	woodlice	----->	dead wood	
	----->		----->		
coal tit	----->	berries	----->	sparrow hawk	
	----->		----->		
blackbird	----->	worms	----->	dead leaves	-----> peregrine
	----->		----->		----->
dandelion leaves	----->	badger	----->	hedgehog	-----> snails
	----->		----->		----->
roses	----->	ladybirds	----->	aphids	
	----->		----->		----->
bats	----->	flower nectar	----->	owls	-----> moths
	----->		----->		----->
humans	----->	heather	----->	deer	
	----->		----->		
pine cones	----->	pine martens	----->	red squirrels	
	----->		----->		
hazel nuts	----->	field mouse	----->	owl	
	----->		----->		

word jumble

INSERT THE CORRECT WORD INTO THE SENTENCE;

Animals and People, Damages, Habitats, Rubbish, Responsibility, PURE, Recycling, Disgrace.

- Dumping _____ our natural environment
- Animals like to live in clean _____
- Dumping in the landscape is a _____
- Sharp objects left in the countryside can injure _____
- I do not like to see _____ left in nature.
- We can all make a difference to our environment and society by _____
- We all have a _____ to help keep our environment pure and clean.
- Report illegal dumping to the _____ project.