

WASTE MANAGEMENT ACTIVITY: QUIZ – YEAR 8

This is ideal as an initial activity to kick off a longer session.

Purpose:

- (a) To get the brain woken up to thinking about waste.
- (b) To revise what children may already know about waste.
- (c) To give you an idea of how savvy the kids already are about waste (so any info you subsequently relay can be pitched at the right level).

Timing:

15 – 20 minutes.

Activity summary:

The objective is to match all the pairs of questions and answers correctly. After the children have had 10 minutes or so to work out the answers, hand out the whole sheets so they can check how well they did.

Organisation:

Divide the children into manageable groups (probably max. 10 per group depending on total number of children in session)

Cut up the following sheets into individual questions and answers.

Mix and Match: Questions & Answers. Sheet 1

Q How much waste is produced in the UK each year?	A 400 million tonnes
Q What is a 'garbologist'?	A An American archaeologist who digs up landfilled waste
Q What is the waste from the brewing of beer that is an ingredient of marmite?	A Spent yeast
Q Which industry produces the most waste in the UK?	A Agriculture
Q What is a major source of radio-active waste?	A Hospital x-rays
Q In 1515 whose father was fined for 'depositing filth in a public street'?	A William Shakespeare
Q In which year was the Environmental Protection Act passed?	A 1992
Q Which form of heating did the 1956 Clear Air Act lead to a rapid decrease in?	A Open coal fires
Q How much waste is deposited in landfill sites every year?	A 80 million tonnes

Mix and Match: Questions & Answers. Sheet 2

Q What is unmanaged waste known as?	A Litter
Q What usually happens to waste before it is transported?	A It is compacted so that it takes up less space
Q What is another term for burning waste?	A Incineration
Q What is a 'scrubber'?	A Pollution control equipment fitted to incinerators
Q What are PCBs?	A Polychlorinated biphenyls – persistent organic pollutants
Q What is the main gas produced by rotting organic waste?	A Methane
Q Who surveys a possible landfill site to identify what the ground is made of?	A A geologist
Q What is the name for the contaminated water found in landfill sites?	A Leachate
Q What is putrescible waste?	A Waste that rots or can be broken down easily by bacteria
Q How many aluminium cans are used in a year?	A 2,000,000

Mix and Match: Questions & Answers. Sheet 3

Q What is the illegal disposal of waste known as?	A Fly-tipping
Q What is the name of the process by which sunlight attacks and breaks down waste?	A Photodegradation
Q What material is often used to seal a landfill site?	A Clay
Q What is the name for the process by which material is used again?	A Recycling
Q Who issues and supervises licences to run landfill sites?	A County and Metropolitan Councils
Q Name a toxic metal compound with the same name as a planet	A Mercury
Q Where is most of the UK's waste disposed?	A Landfill Sites
Q Why are 'paper nets' erected at landfill sites?	A To stop light waste blowing into neighbouring premises
Q What is liquid waste, domestic sewage or waste from a manufacturing process that is put into water known as?	A Effluent
Q What is the name of an environmental pressure group concerned about our planet?	A Friends of the Earth