



Task: Recycling

What is recycling?



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Recycling means taking materials from products you have finished using and making brand new products with them.

What are the 3R's of recycling?



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Always remember the 3 R's

Reduce

Always think about what you are throwing away!
Would someone else like what you are throwing away?
Would a charity shop benefit from the item?

Why don't you make your own gifts and cards for your family and friends - they'll prefer the personal touch!

Reuse

Reusing things can delay or avoid something being thrown away
You can reuse paper that has been used on one side as a notepad or for drawings.
Some items you may be able to take into school to use for arts and crafts.

Recycle

If you cannot reduce or reuse your waste put it in your blue box or take it to a recycling bank near where you live.

Why is it important to recycle?

Recycling Conserves Resources

When we recycle, used materials are converted into new products, reducing the need to consume natural resources. If used materials are not recycled, new products are made by extracting fresh, raw material from the Earth, through mining and forestry.

Recycling helps conserve important raw materials and protects natural habitats for the future.

Why is it important to recycle?

Recycling saves energy

Using recycled materials in the manufacturing process uses considerably less energy than that required for producing new products from raw materials - even when comparing all associated costs including transport etc.

Plus there are extra energy savings because more energy is required to extract, refine, transport and process raw materials ready for industry compared with providing industry-ready materials.

Clifford Holroyde Skills Base

Home Learning Task 6

Week Commencing 30/10/17



Why is it important to recycle?



Recycling helps protect the environment

Recycling reduces the need for extracting (mining, quarrying and logging), refining and processing raw materials all of which create substantial air and water pollution.

As recycling saves energy it also reduces greenhouse gas emissions, which helps to tackle climate change. Current UK recycling is estimated to save more than 18 million tonnes of CO₂ a year - the equivalent to taking 5 million cars off the road.

Why is it important to recycle?

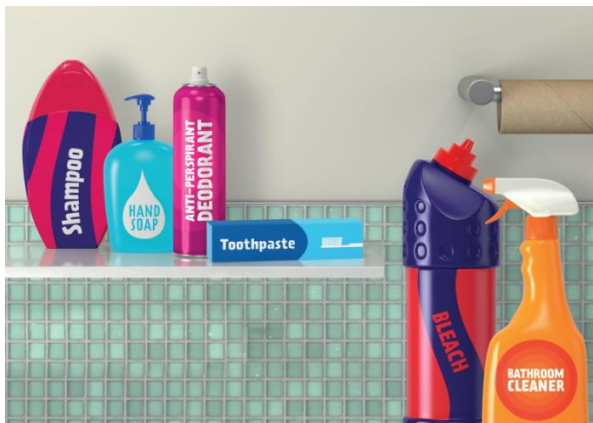


Recycling reduces landfill

When we recycle, recyclable materials are reprocessed into new products, and as a result the amount of rubbish sent to landfill sites reduces. There are over 1,500 landfill sites in the UK, and in 2001, these sites produced a quarter of the UK's emissions of methane, a powerful greenhouse gas.



1. Can you do a survey of the waste your families throw in the bin in a week? Present results in your own way e.g. table, graph, report, pictures with captions, list.





2. Choose an object that would normally be thrown into the bin and make it into something useful.





3. Find out what you can recycle locally, present information in own format e.g. map, report, photos with captions.



4. Can you choose a few different items you need to recycle and check out the packaging labels and recycling symbols. These help us to identify how different types of packaging can be recycled.

Can you take photographs of these symbols or indeed bring the packaging in with you the next time you are at school.



5. Finally create a poster telling people why they should recycle. I have given you an example below.

Why Recycle?

1 x = x **5 hrs**

Recycling saves energy:
Recycling one glass bottle or jar saves enough energy to run a Nintendo Wii for 5 hours!

help your school help your environment **recycle**