

SUSTAINABILITY

YEAR 6

Autumn 2



LESSON 2

Why is recycling important?



Do Now – Retrieval practice

1) Which material are these bottles made from? Is it natural or synthetic?



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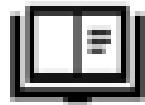
2) What are the problems associated with landfill sites?

3) Are the following physical properties of glass, ceramics or plastics?

Transparent, high melting point, does not conduct, brittle	
Poor conductors, lower melting point, malleable	
Opaque, high melting point, does not conduct, brittle	



What do you already know about recycling?



Sustainability is meeting the needs of the present without compromising the ability of future generations to meet their needs. There are three things we can do at home to support sustainability known as the 3 R's 'Reduce, Reuse, Recycle'. Firstly we should aim to reduce the amount of waste we are producing, this includes avoiding goods with lots of packaging, avoiding disposable items such as plastic plates and cups, and printing on both sides of the paper. Secondly, we should try to reuse goods before throwing them away for example reusing plastic bags, selling old clothes and using a ceramic coffee mug instead of a takeaway one. Finally we should try to recycle goods that can no longer be used. Recycling is the act of converting waste into a reuseable material. Lots of materials can be recycled including metals, plastics and paper.





Use the text above to answer the following questions:

1. What are the 3 R's?

R _____

R _____

R _____

2. Give an example of how we can reduce waste.

3. Give an example of how goods can be reused.

4. What is recycling?

5. What sorts of materials can be recycled?



Read the following passage about recycling plastics.

All products have to be recycled in a different way depending on what they are made from, different areas of the country have different recycling capabilities.

There are three symbols used to advise the public on how to recycle their products. These symbols are shown below:



Widely
Recycled



Check
Locally



Not Currently
Recycled



Widely
Recycled

These products can be recycled easily everywhere in the UK

Including: cans, tins, aerosols, plastic bottles, paper and card



Check
Locally

These products can be recycled at specialist recycling centres.

Including: plastic pots, tubs and food trays



Not Currently
Recycled

These products cannot currently be recycled and will need to be disposed of in landfill sites.

Including: crisp packets and biscuit wrappers



Use the information above to answer the questions below:

1. Write down two objects that can easily be recycled everywhere:

2. Write down two objects that can only be recycled in specialist centres:

3. Write down two objects that cannot be recycled:

4. What happens to objects that cannot be recycled?



Look through the materials you have been given by your teacher and write down whether they can be recycled or not

Object	Can it be recycled? How?



Research how materials are recycled. Write down your findings in the space below:



Should we ever use anything that cannot be recycled?

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