

Environmental Sustainability

Activity Overview

Environmental sustainability: It is vital that we look after our planet – earth. We've only got one!

It is important to only use what we need and ensure we get the most out of everything that we use.

Only use what you need

You wouldn't sharpen a new pencil every time you wanted to write something, as that would be a waste.

Make the most out of everything we use

You wouldn't eat your soup with a tiny teaspoon, as you would be taking lots of mouthfuls to finish the soup. Using a big spoon is more efficient.

It is important to make sure that we are efficient to help protect the environment

Challenge 1

Stacey has left the lights and TV on all night and forgot to close the fridge door. The windows were open all night and the heating was on. In the morning, the food was rotten and she had to throw it all out and go back to the shops to get more.

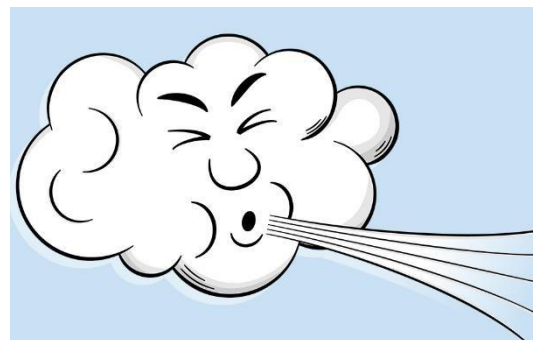


What could she have done better?

1. What are the wastes?
2. What could she have done differently?

Challenge 2

Stacey wants to design a source of power which is renewable. Can you help Stacey by designing a wind turbine that would help her to generate electricity in a clean way, instead of burning coal?



› Can you draw this?

1. What would the turbine look like?
2. Where would be the best place to put it?
3. How high should it be?

Challenge 3

Stacey wants to spread the word about climate change and the environment. Can you help her by designing a poster?

1. Design a poster of a healthy environment OR
2. Design a poster showing the dangers of climate change



Learning Objective

- › Understand how sustainability is linked to the environment
- › Learn how we can make changes to be environmental

