



**KEEP
CALM
AND BE
ECO-
FRIENDLY**

Friday 10th July-
KS1 Eco Day

Subject / Lesson	Time
Recycling - create from recyclable materials	45 minutes
Recycling - create a poster encouraging recycling	1 hour
Physical Activity	30 minutes
Carbon footprint - researching where food travels from	45 minutes
Carbon footprint - design an eco-friendly meal	1 hour

What is recycling?



Task 1: create something out of recyclable materials you have in your home. Watch the video for some ideas.



True

Why do we recycle?

False

It takes less energy to make things with recycled materials

It saves energy and natural resources

It uses up natural resources that we don't need

It means more rubbish is put into landfills

It protects natural environments and wildlife

It reduces carbon emissions, helping to stop climate change



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What can we recycle?



What can we recycle in our area?



Find out using the **Recycling Locator**



What can't be recycled?

Not recyclable

- Bubble wrap
- Ceramics
- Laminated paper
- Wood
- Mirrors
- Paper with metallic, glitter or velvet on it
- Toxic containers (items that could usually be recycled, like metal cans, can't be recycled if they were used to hold toxic materials, such as paint)
- Greasy containers (like toxic containers, recyclable items that have grease on them usually aren't recyclable)
- Stickers
- Sellotape
- Plastic toys
- Nappies
- Pet food pouches
- Cat litter
- Toothpaste tubes
- Cotton wool
- Tissues
- Bricks

Sometimes not recyclable

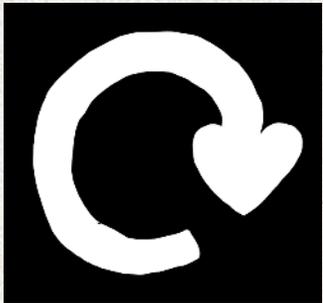
- Pots, tubs and trays— so make sure to check if they can be recycled in your area using the Recycling Locator
- Some wrapping materials aren't recyclable – use the [scrunch test](#) to check

Check the recycling locator

- Plastic wrapping and bags (sometimes called soft plastic) can often only be recycled at supermarkets. Check the recycling locator to see if this can be recycled in your local area.
- Electronic items - these can be recycled, but they usually need to be recycled separately at a recycling centre. Some local authorities do collect them from your kerbside collection so check the recycling locator to see if they can be recycled in your local area.



How do you know if something can be recycled?



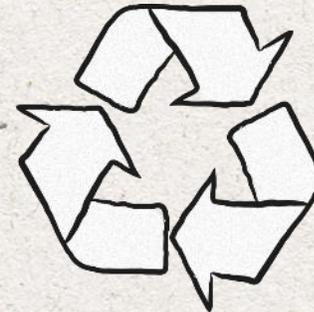
Check locally

This symbol is put on items that can only be recycled in some parts of the UK. It is up to you to check whether it can be recycled in your area.



Not yet recycled

This symbol is put on items that aren't recycled in most parts of the UK yet.



The Mobius Symbol

This symbol is used on items that are made of a recyclable material. However, it doesn't say anything about whether the material is recyclable in your area.



Widely recycled

This symbol is put on items that are recycled in most parts of the UK. However, it's still a good idea to check whether the items are recyclable in your area.



The Green Dot

This symbol is used by companies who have paid money to help with recycling efforts in Europe, but it doesn't mean the item is recyclable.



Tidyman

This symbol is part of a campaign called *Keep Britain Tidy*. It is used to encourage people to throw rubbish away instead of littering, but doesn't relate to recycling.





Your mission: Create a poster to help others recycle **more**, and recycle **better**.

- **Task 1:** Create a memorable animal character to feature on your poster
- **Task 2:** Create a short, catchy message.



Create your character

Task 1

Your first task is to create your own character to inspire others to recycle.

Remember, your character should be:

- **an animal or creature** (this can be any animal, from the sea, land, or sky!)
- **memorable** - what will make your character stand out to people who see your poster? What makes them different from other characters?
- **passionate about recycling** and ready to inspire others to recycle more and better!

Does your character have special powers or knowledge that makes them very good at recycling?

How is your animal affected if we don't recycle?



My Action Pack character

Add notes to answer the questions below to start creating your Action Pack character

What animal will inspire your character?	What is your character's name?
Where do they live?	How old is your character?
What is your character like? Pick three words to describe their personality.	What does your character like to do? Name two activities.

Draw/sketch your character.

Why is recycling important to your Eco Guardian? Write three reasons

Word bank

Places - setting
sea * ocean * forest * garden * nest * mountain * recycling bin * shed * city * hill * nest * wood

Verbs - doing words
walk * run * smile * play * recycle * sort * rinse * clean * help * swim * fly * laugh * sing *

Adjectives - describing personality
loud * quiet * shy * outgoing * energetic * lazy * happy * sad * outspoken * clever * brave * friendly * funny * caring * sensible * cool * calm * adventures * awkward * patient * helpful

Think about your audience and your message

Task 2

Your second task is to think who will see your poster and decide on a message for your poster

Message

Your message should:

- **inform** others about what can be recycled in your area
- **inspire** everyone to **recycle more**, and recycle **better**
- be **clear** - don't try to say too much at once
- include some **facts**

Create your own message or choose one from slide 14

Look at the slides later on to help you come up with some ideas.



Below and on the next few slides are some ideas you might want to use on your poster.

- Recycle plastic bags at the supermarket.
- Put recycling bins in every room of the house.
- Remember to recycle items from the bathroom.
- Squash plastic bottles and replace the lids before recycling them.
- Recycle batteries using the bin at school.
- Learn the different recycling symbols.
- Make sure to recycle aluminium foil.
- Use the Recycling Locator to help you recycle better!



Before the numbers appear (when you click),
can you estimate what they will be?

In the UK, we
recycle roughly
45 % of our
household
waste.

Every house in the
UK throws away
over 1,000
kilograms of waste
each year on
average.

It takes 70 % less
energy to make a
newspaper from
recycled materials,
rather than new.

The UK recycles
about 75 % of its
cans. Countries like
Brazil recycle
nearly 100% of
their cans.



Over 1,000,000 tonnes of paper and card was not captured for recycling in 2017.

Plastic bottles that end up in the ocean take 450 years to fully break down.

In the UK we use roughly 38,500,000 plastic bottles a day, of which 15,000,000 are not recycled.



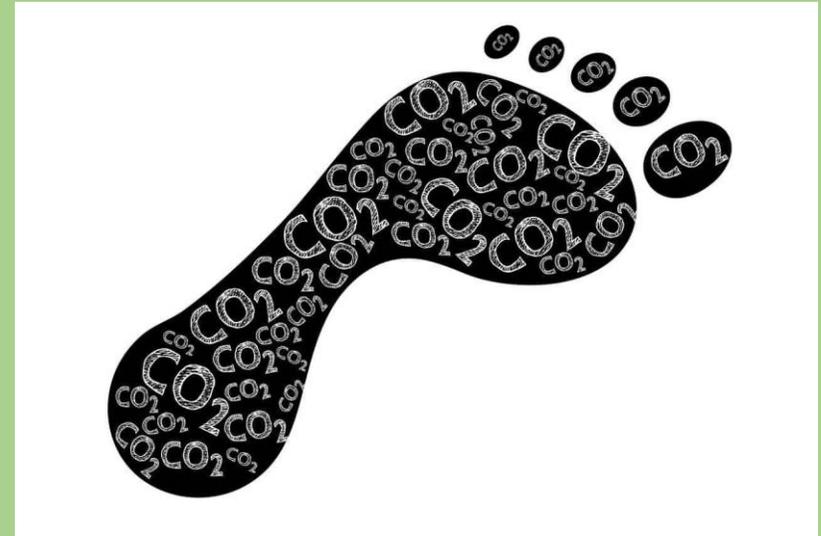
Over _____
tonnes of
card waste
captured
recycling

We are looking forward to seeing
all your wonderful posters!



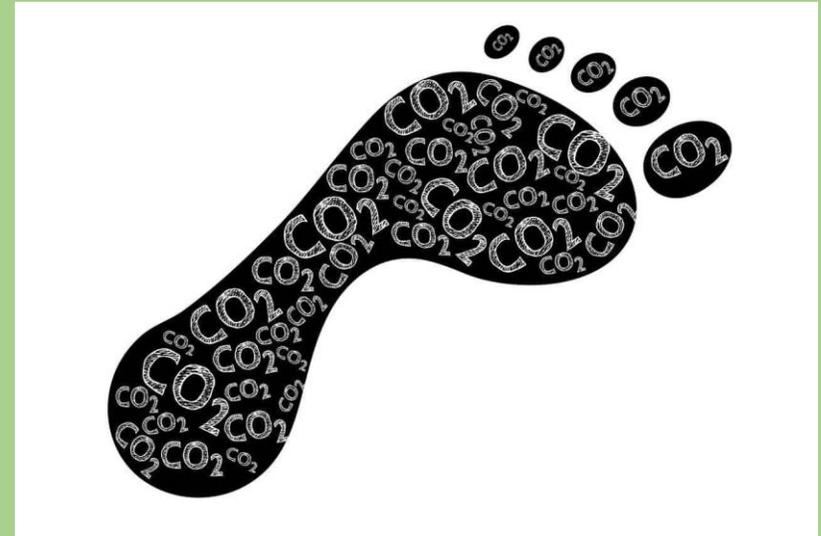
What is a carbon footprint?

- A carbon footprint is defined as the total amount of greenhouse gases produced to directly and indirectly support human activities, usually expressed in equivalent tons of carbon dioxide (CO₂).



What is included in your carbon footprint?

- Any time you use things powered by fossil fuels (like petrol/diesel cars) you are adding to your carbon footprint. This also includes when things are brought to you e.g. food delivered by a truck to the supermarket which your family then buys.



There are many ways we could reduce our carbon footprint.



We are focusing today on where our food travels before reaching our plate.



Your activity:

- Have a look at the food in your house and find out where it is from. Make a list of what you find out.
- Did your results surprise you? Why?



Next activity:

- Now you know about where some of the food in your house comes from, can you create a meal of your choice (breakfast, lunch or dinner) which has a low carbon footprint?



Each food you pick gets a number of 'planet points' based on how far it has travelled. You want to pick foods which have less points:

0 points for anything from the UK

3 points for any food from other European countries

4 points for food from USA or Africa

5 points for food from Asia

Can you create a healthy, tasty meal which counts as no more than 12 planet points?

Challenge: can you create a menu for a day which includes less than 20 planet points?

Use the map at the end of this presentation to find out which continent your food is from.

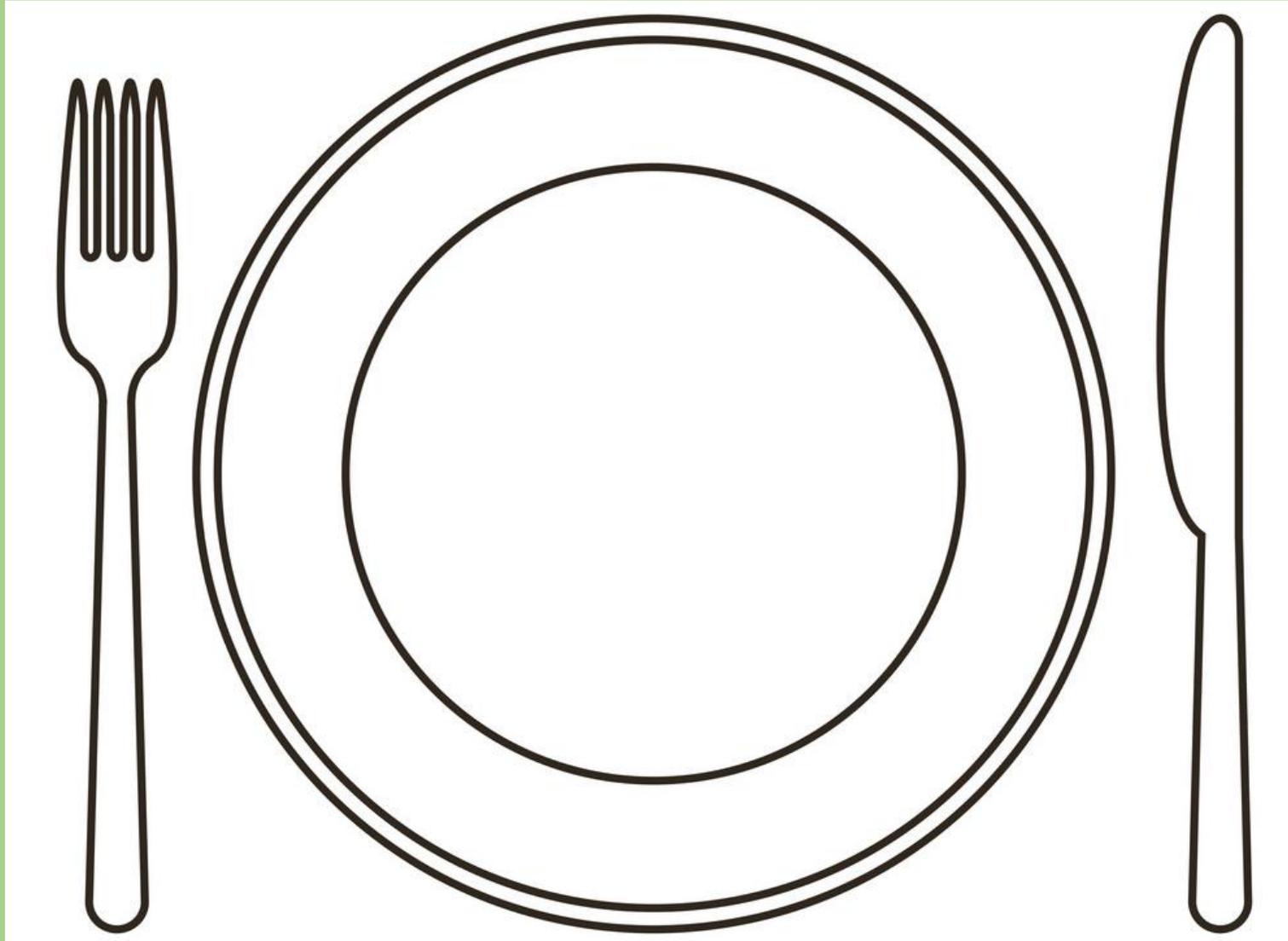
Remember: Each food you pick gets a number of 'planet points':

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Have a lovely weekend, Unicorns!

