



BEECHWOOD

Climate

Curriculum





This term each class took part in Earth Day where we did different activities while we thought about how we can help our planet. We all began to learn our new 'Climate Joy' song with Shine and we looked at our new year group knowledge mats.

Topic Vocabulary

Animal – A living thing that is not a human or plant that need food and water to live.

Flower – A flower is the part of a plant that blossoms.

Grow – To get bigger and change as you get older.

Plant – A plant or part of a plant used as food.

Tree – A tall woody plant with a trunk and branches which support leaves.

Vegetable – A plant or part of a plant used as food.

Climate Facts to Learn

- Plants including trees are really important for our planet.
- Bees rely on flowers to source pollen and nectar.
- Plants have the following parts: roots, seedling, stem, leaves and flower.
- Plants need water and sunlight to help them to grow.
- Seeds and bulbs grow into flowers, plants and trees.

Climate Curriculum

Summer Home-Learning for EYFS

Home-Learning Challenge

- Use recycled materials including tins to create your own bee hotel, providing spaces for solitary bees to nest.
- Make a butterfly feeder by creating a container for sugar syrup.
- Look at the different leaves in your local outdoor spaces. Can you compare them? Can you draw them?
- Grow your own plants in a plastic bottle planter. Strawberry plants work particularly well!

Useful Websites

Sir Michael Morpurgo reads a special story – <https://www.bbc.co.uk/bitesize/articles/z7f7xyc>

Clips from the show 'Our Planet' – <https://www.bbc.co.uk/programmes/b006m9ny/clips>

'Learn to Love Nature' Craft ideas – <https://www.wwf.org.uk/learn/love-nature/get-making>

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Topic Vocabulary

Atmosphere – The layer of air around the Earth.

Biodiversity – The many different living things in nature.

Carbon emissions – Gases released into the air when things like cars and factories burn fuel.

Carbon footprint – The amount of carbon emissions a person or activity creates.

Greenhouse gases – Gases that trap heat in the air and make the Earth warmer.

Human activity – Things people do that affect the world.

Climate Facts to Learn

- A carbon footprint is the amount of greenhouse gases, especially carbon dioxide released into the atmosphere because of human activities. These gases are called carbon emissions.
- There are different ways that we can reduce our carbon footprint. We could walk more, use less energy, eat less meat and recycle or reuse.
- Climate change describes the process of our planet heating up. Greenhouse gases are one of the causes of climate change.
- The Earth's biodiversity is affected by climate change. We need to protect plants and trees to help our environment.

Climate Curriculum

Summer Home-Learning for Y4

Home-Learning Challenge

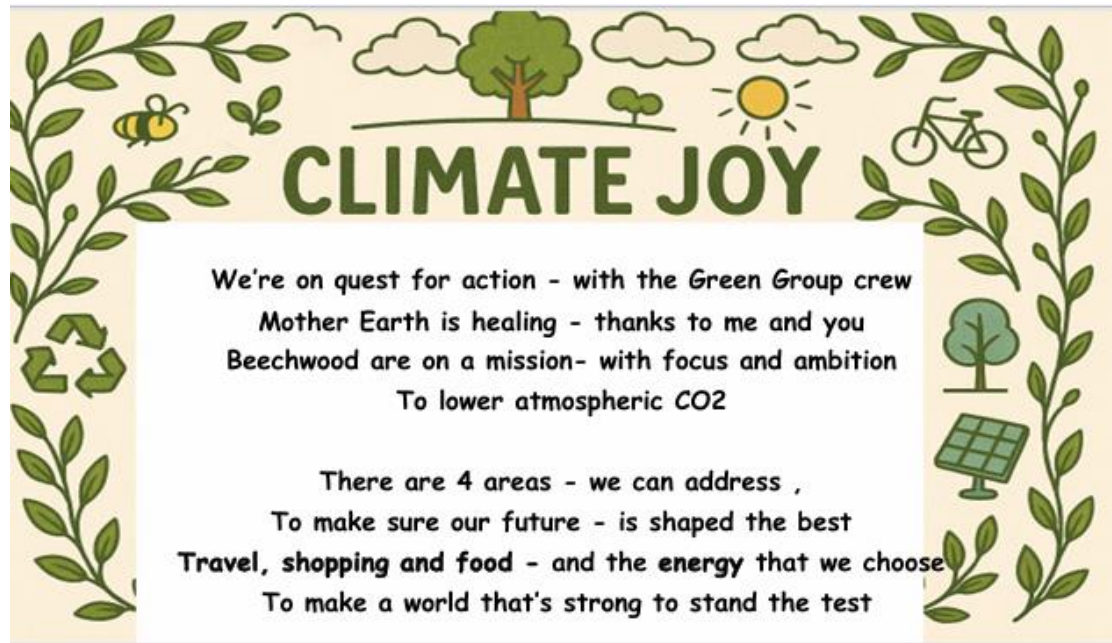
- Make a poster or presentation about ways we can reduce our carbon footprint.
- Create a piece of artwork or make a model to explain an element of climate change.
- Write a speech or talk to your friends or family about what they can do to reduce their carbon footprint.
- Make your own mini garden or research what we could do in the school grounds to improve its biodiversity.

Useful Websites

Your Carbon Footprint
<https://online.kidsdiscover.com/unit/protecting-resources/topic/your-carbon-footprint#:~:text=Just%20as%20with%20wet%20cement,the%20atmosphere%20because%20of%20you.>

Carbon Footprint
<https://www.twinkl.co.uk/teaching-wiki/carbon-footprint>

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We're on quest for action - with the Green Group crew
Mother Earth is healing - thanks to me and you
Beechwood are on a mission- with focus and ambition
To lower atmospheric CO2

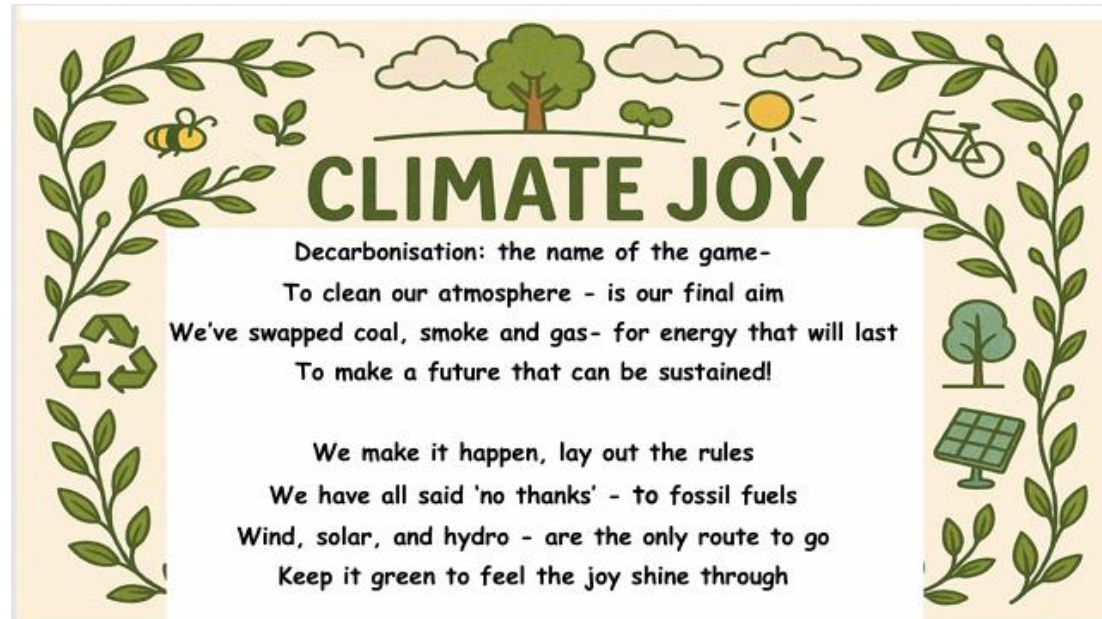
There are 4 areas - we can address ,
To make sure our future - is shaped the best
Travel, shopping and food - and the energy that we choose
To make a world that's strong to stand the test

So Beechwood - we shout the
message - stamp our feet

We work together-
we sing from the same sheet

We are positive-
we plan and ploy

And we're finding climate joy!!



Decarbonisation: the name of the game-
To clean our atmosphere - is our final aim
We've swapped coal, smoke and gas- for energy that will last
To make a future that can be sustained!

We make it happen, lay out the rules
We have all said 'no thanks' - to fossil fuels
Wind, solar, and hydro - are the only route to go
Keep it green to feel the joy shine through

At Beechwood - we shout the
message - stamp our feet

We work together-
we sing from the same sheet

We are positive
we plan and ploy

And we're finding climate joy!!



CLIMATE JOY

We know the action plan, keeping it going strong
 Buying smart- recycling, will help the cause along
 We've gotta eat our greens, we try to eat less meat
 Teach our grown ups - we know right from wrong

We take the bus more, we walk to school
 We travel on our bikes, to reduce fuel
 We keep on taking steps, we keep on doing our best -
 The earth need fighters just like me and you!



Yes, we've found joy!

We have found climate joy!

Yes, We've found joy!



At Beechwood - we shout the message - stamp our feet

We work together-
 we sing from the same sheet

We are positive
 we plan and play

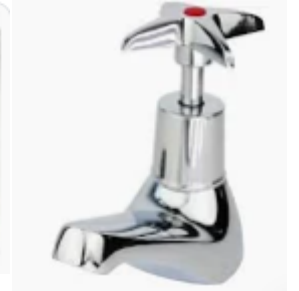
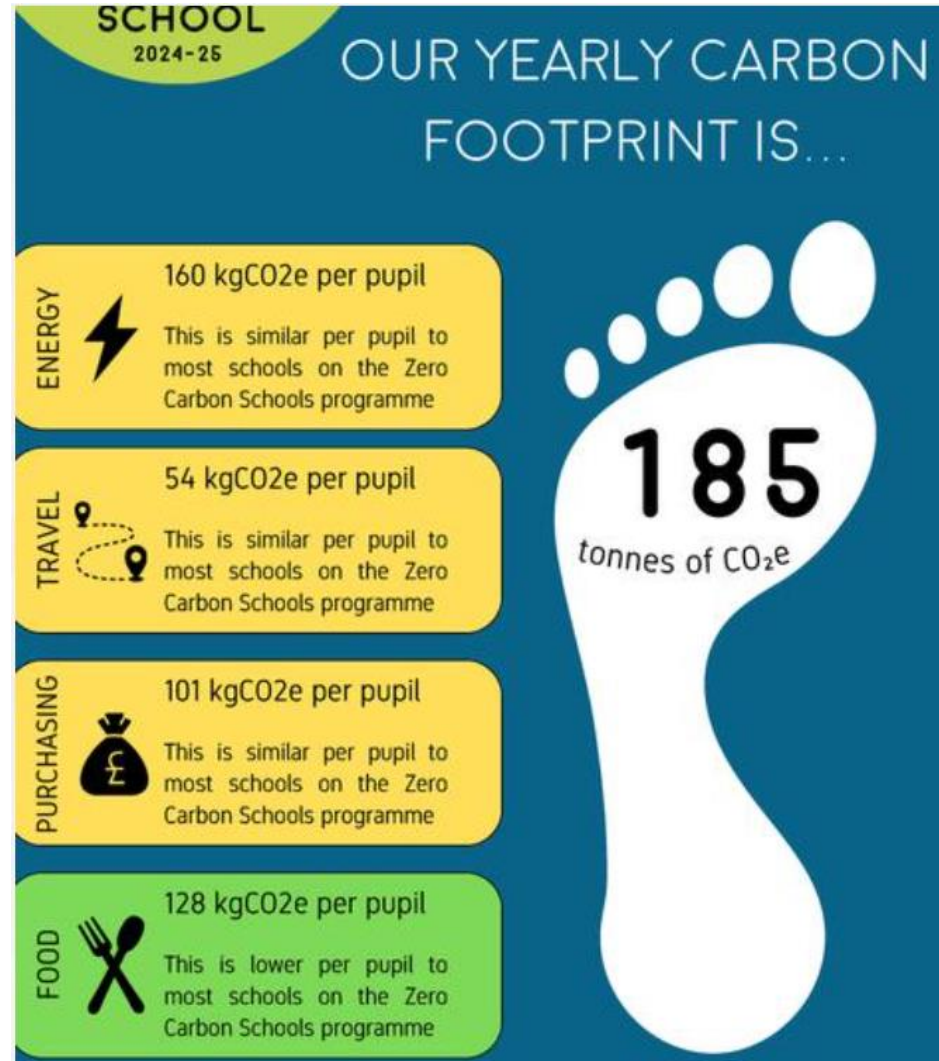
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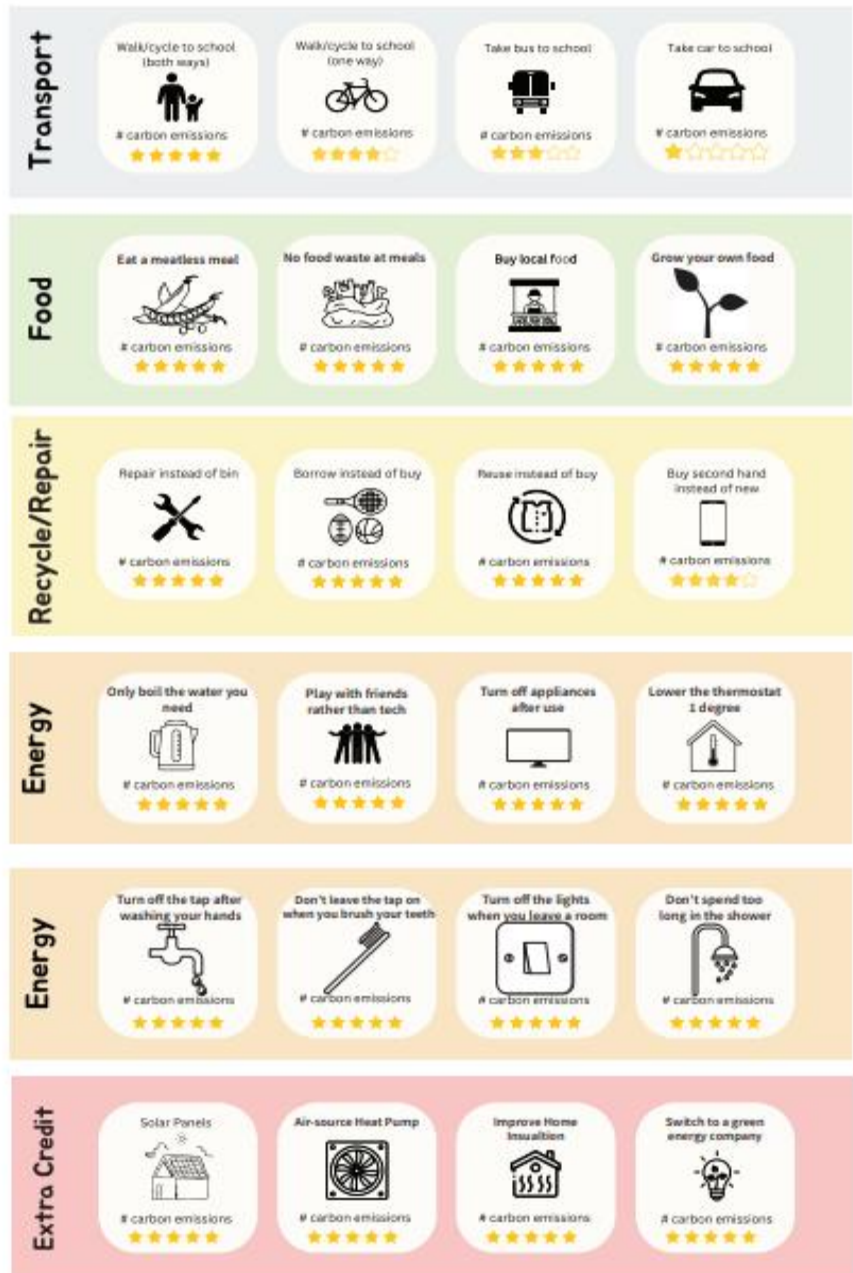


Year 4 are busy planning projects connecting to reducing our carbon footprint.

Our projects will help us work out what else we can do so that there is less food waste, less energy waste and more recycling in schools.

In the next few weeks, we will tell you more about them.





Connected to this work, we have a new challenge for everyone to get involved with. Last term, some of you talked to Adam and Sarah from the DEC about why learning about climate change is important. Some of your parents came in to talk too and they spoke to people from Leeds university. Now those people need your help! They want to have an impact on children and families across Leeds so they have devised a special carbon tracker for us to try out.

We have added a few more challenges that you will see in energy:

Turn the tap off after you have washed your hands.

Turn the lights off when you leave a room.

Don't leave the tap running when you clean your teeth.

Don't spend too long in the shower.

Carbon Action Tracker

NAME: _____

DATE: _____

Travel

Mark a dot for each time you complete an action (during the half term)

1. Walk or cycle to school



2.



(Your choice)

Food

Mark a dot for each time you complete an action (during the half term)

1. Eat a meatless meal



2.



(Your choice)

Recycle/Repair

Mark a dot for each time you complete an action (during the half term)

1.



2.



(Your choice)

Energy

Mark a dot for each time you complete an action (during the half term)

1. Play with friends instead of tech



2.



(Your choice)

This will be sent home with you to try out for the final half term. Colour in a dot or tick it off every time you or someone at home completes an action. We will look at this in school too and we will have a competition to see who can be our Carbon Tracker champions in each class.

