

Chew Valley School Climate Action Team

NEWSLETTER

December 2024 Edition 6

Dr Gilbz

Recently, two of our Climate Action Team members and Mrs Taylor has recorded an interview with Dr Gilbz (Dr Ella Gilbert) a climate scientist. The interview was all about the work we've been doing as an Interact club with Rotary International. Dr Gilbz is a Youtuber who has excellent videos focusing on the climate crisis. She is releasing a video concerning our brilliant Climate Action Team soon. Have a look at some of her other videos! [Dr Gilbz: Climate science, made simple](#)



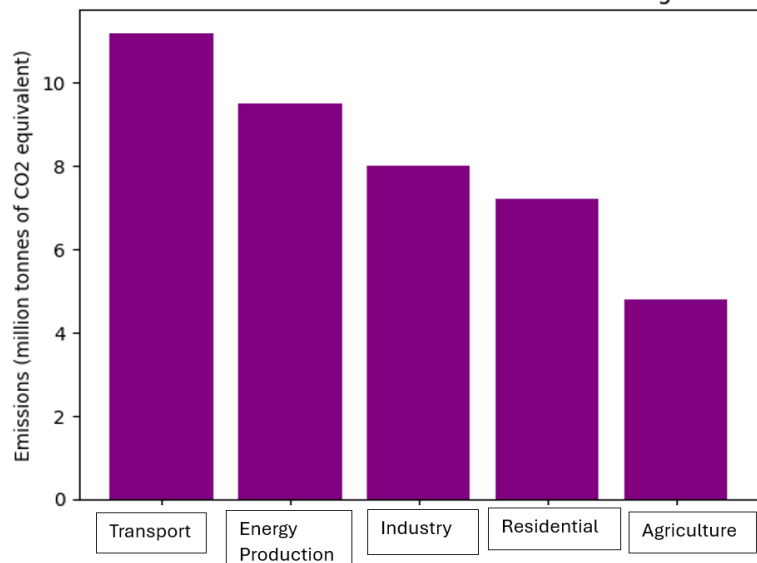
West Local



West local is a new type of bus service that runs all the way across the Chew Valley. This service has been designed by local people to meet the needs of their community. This has been funded by the West of England Mayoral Combined Authority. This new bus service will run until at least March 2026 so feel free to use it!

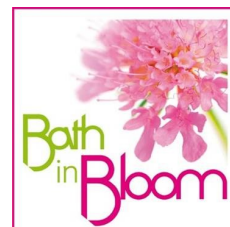
Buses are a great way to cut down on carbon emissions. In 2021, domestic transport in the South West of England was responsible for emitting approximately 10.5 million tonnes of CO₂. This includes emissions from cars, trucks, buses, and other vehicles. In 2023, domestic transport in the South West of England was responsible for emitting approximately 11.2 million tonnes of CO₂. That is a 700,00 tonne increase from our local area alone. Recently the team met with local residents to brainstorm how to promote this service more. Watch this space!

2023 Carbon Emissions in the South West of England



The data represents emissions in million tonnes of CO₂ equivalent for each source:

- **Transport:** 11.2 million tonnes
- **Energy Production:** 9.5 million tonnes
- **Industry:** 8.0 million tonnes
- **Residential:** 7.2 million tonnes



Success!

The Climate Action Team has been raising money for the group MEER throughout the past year and as a result have donated a grand total of **\$1,560.35**.

Remarkable job Rodney

During November, Bilbie received 7 environmental house points, Hauteville and Moreton drew second with 10 each and Rodney crowned it all with 15 environmental house points! First time beating Hauteville, GO RODNEY!

Second-hand Uniform

Each year, a lot of new school uniform is bought across the country. Each child needs quite a lot! This results in the need for a lot of water and energy that is used in the textile industry, in fact the textile industry is responsible for 20% of global industrial wastewater. This is before we even touch on all the pollution and plastic packaging generated in this industry too!

Cotton growing requires large amounts of water. For example, it takes around 9092.2 litres of water to produce a single pair of jeans. That's the equivalent of someone's drinking water for over 7 years. Fast fashion, which is covered in Year 8 Geography, has a significant effect on the climate as well. Although the water cycle recycles the finite source of water we have on this planet, the en-

ergy required to produce the garments

generates significant green house gas emissions. In addition, polluted waste water from the fast fashion industry is polluting and damaging ecosystems.

Chew Valley School's School Society regularly organise the sale of second-hand uniform for each term or as frequently as possible. This helps the environment and also cuts down on the cost of uniform so please go along next time you require a new piece of uniform!

The Climate Action Team are going to collaborate with the School Society to help come up with ways of reaching more families to sell more pre-loved uniform benefiting everyone both economical-

