



Climate Action Plan

What has already been achieved?

Action	Benefit/ Impact
We have a termly meeting of a Green group composed of the headmaster, SLT, staff, parents, pupils, site staff, in this we discuss actions that have been implemented to reduce the impact of the school.	Review and plan next strategies
Weekly Eco club meetings held by the school's Eco club who aim to reduce the environmental impact of the school.	Drive new school events to reduce the environmental impact of the school
We were awarded the Green Flag Award in 2024 as part of the EcoSchools program. Which had a focus on Waste, energy and School Grounds. The Charity Interclimate Network conducted a Carbon survey on pupils' opinions in 2023. The School Travel plan was written in 2023	Reviews and action plans to focus efforts to reduce waste and energy usage
Each year we hold whole school events; A thick jumper day where we turn the heating down. An empty car park day where we encourage people to walk/cycle to school. A sponsored walk where the whole school fund raise for a local charity while doing an event.	Involvement of the wider school community in events that minimise the environmental impact of the school.
For waste we have changed our provider to one who makes recycling easier (paper, card, glass, tins), recycles food waste in the canteen. Then all of the landfill waste goes for incineration to provide electricity.	Demonstrating how to make choices to reduce the environmental impact of the school.

There are four sections to the Climate Action Plan, these are; Decarbonisation, Adaptation and Resilience, Biodiversity and Climate education/skills.



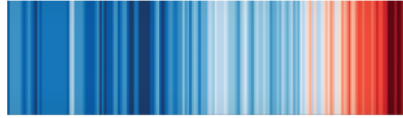


Decarbonisation

Our Vision *As a school we aim to reduce emissions and support students to be part of our transition to net zero*

Action	Link to Improvement Plan	Responsibility and Key Stakeholders	Timescale	Information and/or resources required	Target/ Measure	Progress (Update at regular review points)
To recalculate the Carbon emissions of the school using a carbon Calculator. The last survey was taken in 2023 with Interclimate Network.	Target to reach Net Zero by 2030	JWP, Eco club, finance dept, site team	Start date: Nov 2025 Review Date: June 2026	Useful links: UK Climate Change • Let's Go Zero And Count Your Carbon - Eco Schools	To have calculated CO2 emissions of our school to work as a benchmark that we can aim to reduce by 10% a year.	Yearly review of Carbon emissions to check progress
Involve pupils in events that encourage a reduction of Carbon emissions; Energy surveys by Eco group (lights and computers left on), Empty Car Park days (to encourage cycling and walking), Year 8 Bikeability course (to promote cycling), Thick Jumper Day (to encourage closing doors and windows)	Involvement of school community	All pupils and staff	Start date: Nov 2025 Review Date: Dec 2026	Useful links: Eco Schools Action plan Climate Action survey results	To hold four 'whole school' events per year that highlight Carbon reduction; Thick jumper day, Empty car park day, Cycling, Green challenge	Measuring of school events
School grounds improvements to reduce energy demand, continue with replacement of lights with LED lights, energy efficient computers, 2x solar panels, inverter, electric car charging points, insulation	To have a positive environment	Site staff, Green Group, Eco group	Start date: 2025	Useful links: Minutes of green group	To update latest improvements on school website and minutes of green group meetings	Green Group meetings





			Review Date: Dec 2026			
Recycling and reducing landfill. Recycling of food waste in canteen (July 2025), New waste collection service (paper, card, plastics, tins all go in same bin) July 2025. Other waste now goes to Gloucs Incinerator to make energy.	To reduce impact of school	Site team, pupils and staff	Start; July 2025 Review Dec 2026	Links; Grundon website	Waste report from Grundon. In June 2025 27% of waste was recycled	Review waste report
A Wider understanding of actions taken by the school community (Year 7 Geography lessons), school website, regular events, assemblies by Eco club. Using whole school events to promote actions taken.	Teaching importance of climate action	Teachers, Eco club	Start Jan 2025 Review Dec 2026	Links; Curriculum maps and lesson plans for Geography, science, D and T	Eco club assembly, lessons with sustainability content	Review schemes of work with HODs
Cheltenham Clean Air policy, liase with education officer for Cheltenham town, speaker sessions. Installing two pollution monitors on school grounds.	To reduce air pollution and increase awareness	JWP and Eco clun	Feb 2025 Review Feb 2026	Links Map of pollution monitors	Use of live monitors in A level Env Science lessons and A level Geog lessons	Continual monitoring
School Travel Plan written in 2023 to monitor travel and to reduce Carbon emissions of staff/pupils visiting the school	To reduce the schools impact	All visitors	Jan 2023 start Review July 2026	School Travel Plan	Survey on staff and pupils travel habits	Share outcomes of travel surveys



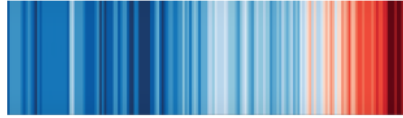


Adaptation and Resilience

Our Vision *As a school our buildings and systems are prepared for the effects of climate change:*

Action	Link to Improvement Plan	Responsibility and Key Stakeholders	Timescale	Information and/or resources required	Target/ Measure	Progress (Update at regular review points)
Heatwave climate risks, identifying pupils and rooms more at risk from extreme heat in summer. Creating a plan to minimise risk; (Buildings; blinds, A/C, fans, water fountains), (behavioural; moving classrooms in summer, lessons outside, water breaks)	Ensure safe environment for all	SLT, site staff, all visitors	Start date: Jan 2025 Review Date: Dec 2026	Useful links: Gov.uk advice on coping with heatwaves click here	To adapt to increased likelihood of heatwaves	Review in Summer time
Flooding risks, gather up to date information on potential flood risk to school, (historic flooding 2007, 2024).	Ensure safe environment for all	SLT, site staff, all visitors	Start date: 2025 Review Date: Dec 2026	Useful links:	Create extreme weather heatwave/flood risk map with Ecoclub	Share this with Green Group
Sharing findings with wider school community, School Ecoboard in canteen, website news articles and Ecoschools page, newsletter, assemblies			Start date: Review Date:	Useful links:	See curriculum links	



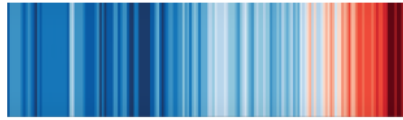


Biodiversity

Our Vision *As a school we aim to enhance biodiversity, improve air quality and increase access to, and connection with, nature:*

Action	Link to Improvement Plan	Responsibility and Key Stakeholders	Timescale	Information and/or resources required	Target/ Measure	Progress (Update at regular review points)
Improve biodiversity on school grounds (improving pond by Tech)(improve pond by Science), planting trees, wildflower areas, parents groundforce event	Improving Biodiversity	Site team and Eco club	Start date: Jan 2025 Review Date:Dec 2026	Useful links: Gloucs wildlife trust Woodlands trust free trees	To improve Science pond, and to continue with tree planting program	Green Group minutes
Encouraging wildlife; seed bombs, insect homes	Providing habitats for wildlife	Eco group and Year 8 Dand T	Start date: Jan 2025 Review Date:Dec 2026:	Useful links: Gloucs wildlife trust	To hold 1/2 events with Ecoclub Year 8 lessons making insect homes	Green Group miutes



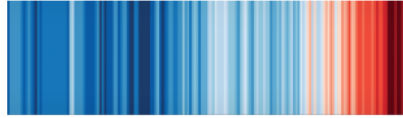


Climate Education and Green Skills

Our Vision *As a school we aim to prepare students for a world impacted by climate change through education & practice:*

Action	Link to Improvement Plan	Responsibility and Key Stakeholders	Timescale	Information and/or resources required	Target/ Measure	Progress (Update at regular review points)
Geography Year 7 Carbon Footprint of individuals, school and Charlton Kings. Year 8 Climate Change, Year 9 Clean water. Year 9 Antarctica and melting ice. Year 10 Climate change and Hazards. Year 12 Climate hazards, Year 13 carbon and water. Links to careers. Fieldwork at KS3,4 and 5	Awareness of Climate change	HOD Geog	Start date: Dec 2025 Review Date: Dec 2026	Useful links: Curriculum maps	Pupil data Exam analysis Number of pupils studying subject at University	
Science, Year 12 Pollution in Environmental Science. Atmosphere and pollution. Year 9	Awareness of Climate change	HOD Science	Start date: Dec 2025 Review Date: Dec 2026	Useful links: Curriculum maps	Pupil data Exam analysis Number of pupils studying subject at University	
D and T Y10 toy design made from sustainable materials - in contrast to use of oil based plastics used in industry. KS3 Product Design - all packaging redesigned to be reusable and recyclable: Zip Tag packaging Trick Deck packaging just card with reusable loom bands - no plastic films or blister packaging.	Awareness of Climate change	HOD D and T	Start date: Dec 2025 Review Date: Dec 2026	Useful links: Curriculum maps	Pupil data Exam analysis Number of pupils studying subject at University	

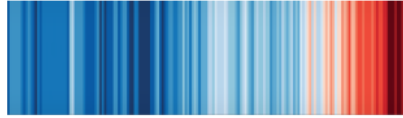




<p>GCSE and A level - 6Rs, product lifecycle, cradle to cradle, circular economy - all key parts of specifications</p>  <p>Packaging</p>  						
<p>Business and Economics Yr11 Business studies external influences unit Young Enterprise with Year 12 each year has a strong Sustainability element. Economics A-level has a specific section around the environment being a scarce resource. The section then builds to go through policies to encourage more sustainable approaches (such as tradeable permits, taxation and subsidies). Business A-level also has a section on corporate social responsibility - an element of that is focused on an environmental angle. There is also a section on the impact of</p>	<p>Awareness of Climate change</p>	<p>HOD Business</p>	<p>Start date: Dec 2025 Review Date: Dec 2026</p>	<p>Curriculum maps</p>	<p>Pupil data Exam analysis Number of pupils studying subject at University</p>	



Climate Action Plan



Balcarras

From strength to strength

changes in environmental/ethical factors on businesses. It focuses on how businesses respond to requirements to be more environmentally friendly, which includes operating more sustainably.						
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Developed in conjunction with the Schools Travel plan, the EcoSchools Action plan, Net Zero Carbon calculator and resources from the University of Reading Climate ambassadors.

CLIMATE AMBASSADORS

In association with EAUC, STEM Learning and the University of Reading

