

# CLIMATE AMBASSADORS

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

## Great Oak CE Learning Federation Climate Action Plan Betley and St Luke's CE Primary Schools



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Decarbonisation



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## Our Vision

“Learning for a low-carbon future.”

Our school is committed to reducing emissions and leading the way toward a net zero future. We will integrate sustainable practices into every aspect of school life—from energy-efficient operations to low-carbon travel—and embed climate education across the curriculum. By equipping students with the knowledge, skills, and mindset to innovate and act, we empower them to become active contributors to the global transition to net zero.

Action	Link to Improvement Plan	Responsibility and Key Stakeholders	Timescale	Information and/or resources required	Target/ Measure	Progress (To be updated at regular review points)
Encourage switching off unused lights and plugs	Reduce energy consumption and running costs; promote pupil leadership and responsibility	Sustainability Leads (AL, LR), Eco Ambassadors (elected), Class Teachers, All Staff	Ongoing from Spring 2025; reviewed termly	Eco Ambassador training, classroom reminders, assemblies, Count Your Carbon tool	100% classrooms using switch-off routines; 10% reduction in electricity usage year-on-year; pupil voice shows increased awareness	
Monitor and manage heating effectively	Improve energy efficiency and comfort while reducing carbon emissions	Site Managers, Sustainability Leads, SLT	Monitoring begins Spring 2025; annual review	Thermometers in rooms, heating schedules, staff guidance, Climate Friendly Schools Energy Audit	Heating within recommended ranges; reduction in gas/heating costs year-on-year; fewer instances of heating on with windows open	
Explore installation of solar panels at both schools	Long-term reduction in carbon footprint and energy costs	SR, Governors, Sustainability Lead, LA / Diocese	Feasibility explored 2025–26	Solar feasibility study, LA/Diocesan guidance, capital funding advice	Feasibility study completed; costings and funding options reported to	

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					Governors; decision made by end of 2026	
<p>Calculate Total Carbon Emissions of Operations  <b>Keep Britain Tidy's Count Your Carbon tool</b> -<a href="#">Home</a> -<a href="#">Count Your Carbon</a>            Sign up to Climate Friendly Schools for FREE and use their Energy Audit tool -  <a href="https://www.climatefriendlyschools.org.uk/theme/climate-friendly-energy-audit/">https://www.climatefriendlyschools.org.uk/theme/climate-friendly-energy-audit/</a>            Andrea share what she had learnt on the Carbon Literacy Training to both schools</p>	Supports sustainability and compliance with environmental targets	Headteacher, Local Authority	Within 6 months	Carbon audit tools, energy bills, transport data	Comprehensive carbon footprint report completed	
Assess Building Efficiency	Improves energy performance and reduces costs	External Energy Assessor	Within 12 months	Energy performance certificates, building surveys	Efficiency rating documented for all buildings	
Plan Energy Efficiency Improvements	Aligns with long-term sustainability goals	Headteacher, Governors,	Within 12 months	Funding options, contractor quotes, retrofit guidelines	Retrofit plan approved and budget allocated	
Reduce Waste and Encourage Recycling	Promotes environmental responsibility and cost savings	Admin Team, Eco Committee	Within 3 months	Recycling bins, waste audit data, staff/student engagement materials	Waste reduction targets met and recycling rates improved	
Adopt Sustainable Procurement Practices	Supports ethical and environmentally friendly purchasing	Finance Officer, Headteacher	Within 6 months	Supplier sustainability policies, procurement guidelines	All new contracts meet sustainability criteria	



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Introduce Food Waste Bins or Composting <a href="#">SchoolCycled - MYGroup</a>	Reduces landfill waste and supports eco-initiatives	Catering Manager, Eco Committee	Within 4 months	Composting equipment, food waste bins, training	Operational composting system or food waste collection in place	
Develop Travel Plan for Low-Emission Travel Both schools sign up to Wak to School Investigate School Street Scheme <a href="#">School Streets: how to set up and manage a scheme - GOV.UK</a>	Encourages sustainable travel and reduces carbon footprint	Headteacher, HR, Local Authority	Within 6 months	Travel survey, cycle-to-work scheme, public transport info	Travel plan implemented and monitored annually	

## Adaptation and Resilience

### Our Vision

#### Building resilience, inspiring sustainability

**Our school is committed to creating a safe, sustainable learning environment that anticipates and adapts to the challenges of climate change. We will invest in resilient buildings, energy-efficient systems, and green spaces that protect our community from extreme weather while promoting wellbeing. Through innovation and collaboration, we aim to lead by example—educating students about environmental responsibility and equipping them with the skills to thrive in a changing world.**

Action	Link to Improvement Plan	Responsibility and Key Stakeholders	Timescale	Information and/or resources required	Target/ Measure	Progress (To be updated at regular review points)
Conduct Climate and Weather Risk Assessment Use <a href="https://flood-map-for-planning.service.gov.uk/">https://flood-map-for-planning.service.gov.uk/</a>	Supports safeguarding, health & safety, and continuity planning	Headteacher (lead), Site Manager, Governors, Local Authority	Within 3 months	Local authority guidance, Met Office climate projections, risk assessment templates	Completed risk assessment document signed off by Governors	
Review Past Extreme Weather Events	Informs resilience planning and resource allocation	Headteacher, Admin Team, Facilities Manager	Within 1 month	Historical records, staff/student feedback	Incident log compiled and analyzed	

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Identify Vulnerable Groups and Critical Infrastructure	Enhances safeguarding and asset protection	SENCO, IT Manager, Facilities Manager	Within 2 months	SEN register, asset inventory	Vulnerability and infrastructure register completed	
Develop Emergency Response Plans	Aligns with health & safety and emergency preparedness	Headteacher, Health & Safety Officer, Local Authority	Within 3 months	DfE guidance, local emergency services contacts	Plans approved and communicated to staff	
Access Future Climate Information	Supports long-term strategic planning	Headteacher, Governors	Ongoing (initial review within 6 months)	Met Office, UK Climate Projections (UKCP), Local Authority reports	Annual review of climate risk incorporated into school improvement plan	
Staff and Student Awareness	Enhances community resilience and safety culture	Headteacher, Health & Safety Officer	Within 4 months	Training materials, communication channels	100% staff trained; student briefing completed	

## Biodiversity

### Our Vision?):

“Growing nature, nurturing futures.”

Our school strives to create a thriving, healthy environment where biodiversity flourishes, air quality is improved, and every learner feels connected to nature. We will transform our campus into a living classroom, integrating green spaces, wildlife habitats, and outdoor learning opportunities. By fostering respect for the natural world, we aim to inspire sustainable habits and empower students to become guardians of the environment for future generations.

Action	Link to Improvement Plan	Responsibility and Key Stakeholders	Timescale	Information and/or resources required	Target/ Measure	Progress (To be updated at regular review points)
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Map and Record Biodiversity at both schools Sign up to Education Nature Park - <a href="https://www.educationnaturepark.org.uk/user/register">https://www.educationnaturepark.org.uk/user/register</a>	Supports environmental education and sustainability goals	Estates Team, Eco Committee, Science Department	Within 6 months	Biodiversity survey tools, local wildlife guides	Comprehensive biodiversity map completed and updated annually
Manage Estate to Enhance Local Biodiversity Education Nature Park's tools for exploring your school site - <a href="https://www.educationnaturepark.org.uk/resources/Explore%20Your%20School%20Site">https://www.educationnaturepark.org.uk/resources/Explore%20Your%20School%20Site</a>	Improves ecological value and supports curriculum	Estates Team, Headteacher, Governors	Within 12 months	Habitat creation guidelines, native plant lists	New habitats established (e.g., wildflower areas, ponds)
Provide CPD for Estates Team on Biodiversity Habitats	Builds staff capacity for sustainable estate management	Headteacher, HR, External Training Providers	Within 4 months	CPD courses, local conservation group support	All estates staff trained in biodiversity enhancement techniques
Enhance Pupil Opportunities to Learn in and About Nature	Supports curriculum enrichment and wellbeing	Science Department, Eco Committee, Local Community Partners	Within 6 months	Outdoor learning resources, partnerships with nature reserves	Regular outdoor learning sessions integrated into curriculum

## Climate Education and Green Skills

### Our Vision:

*“Educating today for a sustainable tomorrow.”*

Our school is dedicated to preparing students for a future shaped by climate change through education and practical action. We will embed sustainability and climate literacy across the curriculum, empowering learners with the knowledge, skills, and values needed to thrive in a changing world. By modeling sustainable practices and fostering innovation, we aim to create responsible global citizens who lead positive environmental change.

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Action	Link to Improvement Plan	Responsibility and Key Stakeholders	Timescale	Information and/or resources required	Target/ Measure	Progress (To be updated at regular review points)
Broaden Curriculum Coverage of Nature, Climate Change, and Sustainability	Supports curriculum development and whole-school sustainability goals	Curriculum Leads, Subject Teachers, Headteacher	Within 12 months	Curriculum audit, cross-subject planning resources	Sustainability themes integrated across all subjects and stages	
Provide CPD for Teaching Staff on Climate Change and Sustainability Sign up to Climate Friendly Schools for FREE and use their Consumption Audit tool - <a href="https://www.climatefrendlyschools.org.uk/theme/climate-friendly-consumption-audit/">https://www.climatefrendlyschools.org.uk/theme/climate-friendly-consumption-audit/</a>  Plastic Free July's bin audit tool - <a href="https://www.plasticfreejuly.org/get-involved/what-you-can-do/bin-audit/">https://www.plasticfreejuly.org/get-involved/what-you-can-do/bin-audit/</a>	Improves staff confidence and teaching quality	Headteacher, HR, External Training Providers	Within 6 months	CPD courses, high-quality teaching resources	100% relevant staff trained and confident in delivery	
Enhance Outdoor Learning Opportunities	Supports experiential learning and wellbeing	Science Department, Eco Committee, Local Community Partners	Within 6 months	Outdoor learning spaces, partnerships with nature reserves	Regular outdoor learning sessions embedded in curriculum	
Raise Awareness of Green Economy Careers Teach the Future Tracked Changes Project - <a href="https://www.teachthefuture.uk/tracked-changes-project">https://www.teachthefuture.uk/tracked-changes-project</a>	Prepares pupils for future employment opportunities	Careers Lead, Subject Teachers, External Employers	Within 9 months	Career guidance resources, employer engagement	Career sessions delivered and pupil awareness measured	

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Embed Future Skills for Green Careers Across Curriculum	Supports long-term employability and sustainability education	Curriculum Leads, Careers Lead, Governors	Within 12 months	Skills framework, teacher training, curriculum mapping	Future skills integrated into schemes of work across subjects	
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## Curriculum Resources

Resources provide wider information and guidance towards whole school sustainability and carbon reduction as well as information on training sessions for educators.

- Teach the Future is an inclusive, well organised and persistent campaign by secondary and tertiary education students to greatly improve education on the climate emergency and ecological crisis in the UK. Read their [curriculum change guiding principles and useful curriculum resources](#).
- Edmund Stubbs, Science Teacher at Morpeth School in London produced a [guide on how to declare climate emergency in your school](#).
- European Trade Union Committee for Education (ETUCE) offers [a practical guide](#) to addressing environmental issues in education.
- Schools can access everything they need to embed sustainability across the curriculum from [Ministry of Eco Education](#).
- [Discussion Guide for Educator](#) on how to talk to young people about the eco anxiety.

## Additional resources from other organisations

Many organisations provide education resources on climate change and sustainability, such as:

[Education and Training Foundation](#) –The expert body for teaching standards and CPD in Further Education (FE) provides resources to embed sustainability into the FE curriculum [Let's Go Zero](#) – Coalition of schools and organisations working collaboratively to become carbon zero by 2030.

[Eco Schools](#) – A Keep Britain Tidy accreditation scheme for schools to achieve green flag status. Schools follow a seven step framework to introduce environmental actions and build evidence for awards.

[Transform Our World](#) - A community of educators producing a range of teacher resources, from individual lesson plans to assemblies, on a range of sustainability and environment-based topics.

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[Learning through Landscapes](#) - Practical outdoor learning lessons and activity ideas for educators from Early Years to Secondary Education. Sir David Attenborough is one of the patrons.

[UK Schools Sustainability Network](#) - Join a community of educators empowering students to take climate action

[ClimatEdPsych](#) - Guides for teachers/educators on climate resilience and wellbeing in education.

[Teaching for sustainable futures | IOE - Faculty of Education and Society - UCL – University College London](#) - UCL Centre for Climate Change and Sustainability Education, offers free teacher professional development. They produced a short film to be shown to anyone working in the school, “Looking to the Future: An Introduction to Climate Change and Sustainability in Schools”.

Free CPD from University College London: Teaching about Sustainability and Climate Change - University College London’s Centre for Climate Change and Sustainability Education has launched Teaching for Sustainable Futures, a free online professional development programme for teachers. The aim of the programme is to help teachers across all subjects and age phases to embed issues of climate change and sustainability into their teaching practice.

Currently they offer subject-specific modules for history and geography.

[SCHOOLS CAP JULY 2021.pdf](#) (Friends of the Earth)