



Worplesdon
Primary School

Envis Way, Fairlands,
Worplesdon, Guildford
Surrey, GU3 3NL

Sustainability & Climate Change Action Plan

Federation of Wood Street Infant School & Worplesdon Primary School (2026-27)

Lead: Kareen O'Brien

Subject: Sustainability and Climate Change

Intent

At our federation of schools, our sustainability and climate change strategy is rooted in our core mission: **inspiring a love for learning and life by building resilience, instilling empathy, promoting independence and teamwork, and inspiring curiosity.** Our values-based education underpins everything we do, including how we prepare children to be responsible stewards of the environment.

We recognise our responsibility to prepare children for the world they are growing up in and the future they will help shape. Through our sustainability work, we:

- **Build resilience** by empowering pupils to understand that small actions can make a big difference, and that facing environmental challenges requires perseverance, problem-solving and a positive mindset.
- **Instil empathy** by helping children understand the impact of human behaviour on the natural world, other communities around the globe, and future generations. We encourage pupils to care deeply about the environment and all living things that share our planet.
- **Promote independence and teamwork** by giving pupils real ownership of sustainability projects through our Eco Councils, where they work collaboratively to identify problems, propose solutions and lead change in their schools and wider communities.
- **Inspire curiosity** by providing rich learning opportunities that encourage children to ask questions about the world around them, investigate environmental issues, and discover the wonders of the natural world through outdoor learning and hands-on experiences.

Our approach to climate and sustainability is practical and realistic. We aim to balance strong teaching and learning with sensible decisions about how our schools operate day to day. Sustainability is woven through our curriculum and everyday practice, helping children understand environmental responsibility and encouraging them to make informed and responsible choices that reflect our shared values.

Alongside this, we are committed to managing our federation in a way that is mindful of environmental impact. We will take proportionate steps to reduce waste, use energy and materials carefully, and consider sustainability when making longer-term decisions, while remaining mindful of cost, capacity and the needs of our school communities across both sites.



Through learning and pupil voice, pupils are encouraged to develop leadership, influence others positively and understand their role as citizens of tomorrow. Our values-based approach ensures that sustainability education is not just about facts and figures, but about developing the whole child – nurturing compassionate, resilient, independent and curious young people who understand their responsibility to future generations and have the confidence to make a positive contribution to the world.

Sustainability Fundamentals

Target (intent)	Actions / Tasks (implementation)	Responsibility (by whom?)	Timescale (by when?)	Integrated Curriculum Financial Planning (cost/resources)	Success Indicators (KPIs) - Intended Evidence of impact	Monitoring and evaluation of actions and impact (RAG)		
						Autumn	Spring	Summer
Agree the roles and responsibilities we'll need to make progress in sustainability.	- Identify a named Climate & Sustainability Lead for the federation - Appoint a sustainability Governor - Clarify how sustainability links to existing roles at both sites (site managers, curriculum leads) - Establish Eco Councils at both Worplesdon Primary and Wood Street Infant School - Use pupil voice structures to support sustainability awareness across both schools	Climate & Sustainability Lead Headteachers (both sites)	Academic Year 2026-27	No additional cost Uses existing leadership structures	Roles agreed and understood across both sites Sustainability referenced in leadership and pupil voice discussions Active Eco Councils established at both schools			
To understand what we can and can't do at each school	- Walk around both school sites and make a note of: - Available outdoor spaces	Climate & Sustainability Lead	Spring 2027	No cost	We have a clear list of what's possible at each school			



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site when planning sustainability projects.	(fields, playgrounds, gardens) - Building features (roof space for solar panels, windows for ventilation) - Any restrictions (e.g. listed buildings, shared boundaries, planning rules) • Create a simple map or list for each school showing: - What we could do (e.g. "space for wildflower area by fence") - What we can't do (e.g. "can't change windows - listed building") • Use this information to make sure our sustainability plans are realistic for each school	Site Managers (both sites) Headteachers (both sites)			Our sustainability plans are practical and achievable We know what opportunities each site offers (e.g. Worplesdon Primary may have different outdoor space to Wood Street Infant School)			
Understand both schools' current situations, the data available and the way our communities feel about sustainability.	• Review existing data (energy, waste, water) for both sites • Use age-appropriate pupil voice activities to explore understanding at both	Climate & Sustainability Lead Site Managers (both sites)	Academic Year 2026-27	Pupil voice built into PSHE or assemblies No additional cost	Clear baseline understanding for both schools Agreed initial priorities that			



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	schools • Staff discussion on current practice across the federation • Parent surveys at both schools to gauge community views	Teachers (both sites)			work for both primary and infant settings			

Biodiversity

Target (intent)	Actions / Tasks (implementation)	Responsibility (by whom?)	Timescale (by when?)	Integrated Curriculum Financial Planning (cost/resources)	Success Indicators (KPIs) - Intended Evidence of impact	Monitoring and evaluation of actions and impact (RAG)		
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Understand the variety of species that live in and around both our schools.	• Work with the Forest School teacher to conduct biodiversity surveys at Worplesdon Primary School site • Work with the Forest School teacher to conduct biodiversity surveys at Wood Street Infant School site	Climate & Sustainability Lead Forest School Teacher Sustainability	A year-long project to understand both sites	Budget of £1,500 to seek professional support across both sites Additional £500 for biodiversity enhancement materials	Eco Councils across both sites can identify and discuss the species living around their schools			



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	• Use Forest School sessions to develop age-appropriate understanding of how our school environments and school life impacts these species • Identify quick wins to increase biodiversity at both schools (e.g. bug hotels, bird feeders, wildflower areas) led by Forest School teacher and Eco Councils • Integrate biodiversity learning into regular Forest School activities • Create biodiversity monitoring roles within Forest School sessions (e.g. 'species spotters', 'habitat helpers')	Governor Eco Council Leads (both sites) Science Coordinators (both sites)		Forest School budget to include biodiversity resources	Age-appropriate biodiversity projects established at both schools Forest School sessions actively contribute to biodiversity understanding and enhancement Pupils use Forest School learning to lead biodiversity initiatives			



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Increase awareness of biodiversity and how it helps motivate sustainable behaviour across our federation.	• Increase governor and leadership awareness of the importance of biodiversity • Arrange biodiversity training for site staff at both schools • Build whole-setting awareness of biodiversity through assemblies, displays and curriculum links • Create biodiversity learning opportunities appropriate for infant and primary ages	Climate & Sustainability Lead Eco Council Leads (both sites) Headteachers (both sites)	Summer 2027	Staff-related costs (estimated £300 for training)	All staff understand biodiversity better Visible biodiversity projects at both schools Pupils can articulate why biodiversity matters			

Education and Skills

Target (intent)	Actions / Tasks (implementation)	Responsibility (by whom?)	Timescale (by when?)	Integrated Curriculum Financial Planning (cost/resources)	Success Indicators (KPIs) - Intended Evidence of impact	Monitoring and evaluation of actions and impact (RAG)		
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Understand how aware our pupils are about sustainability and what we are already covering in teaching and learning.	- Conduct curriculum audit at both schools to identify where sustainability is currently taught - Create age-appropriate pupil questionnaires for both schools to assess current understanding - Map progression of sustainability education from infant to primary phases - Identify gaps and opportunities for enhancement	Climate & Sustainability Lead Curriculum Leads (both sites) Eco Council Leads (both sites)	By April 2027	No cost	Clear indication of children's understanding at both age phases Curriculum map showing when and where sustainability is taught across the federation Identified opportunities for cross-federation projects			
Use our outdoor spaces to promote climate and sustainability awareness and increase wellbeing.	- Audit outdoor learning opportunities at Worplesdon Primary School - Audit outdoor learning opportunities at Wood Street Infant School - Develop outdoor learning into the curriculum at both schools - Include school environment as a key development in both schools' SDPs - Invite TJ Power to speak to staff, pupils and parents about the Dose Effect - the importance of reducing	Climate & Sustainability Lead Eco Council Leads (both sites) Headteachers (both sites) PSHE/Science Leads Forest School Teacher	By April 2027	Budget for TJ Power speaker fees (£200-£400) Potential costs for outdoor learning resources No additional cost for implementing Dose Effect principles	Growing understanding of outdoor spaces and how they can be utilised Increased use of outdoor learning across both schools Pupils demonstrate improved wellbeing through outdoor activities Staff, pupils and parents understand the Dose			



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	screen time and celebrating outdoor learning for children's wellbeing and development • Use the Dose Effect principles to shape our approach to outdoor learning across the federation • Create age-appropriate outdoor learning activities for infant and primary pupils that reduce reliance on technology • Develop whole-school initiatives that encourage outdoor time and reduce tech time (e.g. 'Wild Wednesdays', 'Tech-Free Fridays') • Share the Dose Effect message with parents to encourage outdoor play at home	Computing/Digital Leads			Effect and the benefits of reducing screen time Measurable increase in outdoor learning time and reduction in unnecessary tech use Parents report increased outdoor play at home			
Ensure staff feel confident teaching about sustainability and climate change.	• Use audit tools to understand where teaching staff are currently feeling confident or unsure about sustainability and climate change Sustainability: teaching audit • Identify sustainability champions at both schools • Provide targeted CPD based on audit results	Climate & Sustainability Lead Headteachers (both sites)	By January 2027	CPD budget allocation (£500)	Staff feel confident that they can deliver outdoor teaching and have appropriate equipment Sustainability: teaching audit Sustainability embedded			



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	• Share good practice between the two schools				in everyday teaching practice			

Climate Adaptation

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Build knowledge of climate risks and the impact these can have in our settings and how to prepare for an emergency.	• Review existing risk assessments at both sites to consider the impact of extreme weather (heat, heavy rain, high winds) • Check availability and suitability of shaded areas, indoor spaces and ventilation during hot weather at both schools • Identify areas of both sites most affected by extreme weather and agree sensible mitigations • Update emergency	Climate & Sustainability Lead Site Managers (both sites) Headteachers (both sites)	Spring 2027	No additional cost Built into existing health and safety and safeguarding procedures	Staff demonstrate confidence in responding to climate-related incidents at both schools Emergency procedures clearly reference extreme weather scenarios Age-appropriate pupil understanding of how to stay safe during extreme weather events			



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	procedures to reference extreme weather scenarios							
Understand our water use across the federation.	- Review water usage at Worplesdon Primary School - Review water usage at Wood Street Infant School - Identify simple water-saving behaviours appropriate for both age groups - Engage pupils in water-saving initiatives	School Business Manager Climate & Sustainability Lead Site Managers (both sites)	Summer 2027	No cost	Baseline understanding of water use at both schools Pupils demonstrate water-saving behaviours			
Create links with other local settings and our trust to prepare for extreme climate events.	- Align emergency procedures with trust schools where appropriate - Use trust-wide collaboration to share resources and guidance - Establish communication channels with nearby schools in Guildford area for weather-related issues - Share learning between Worplesdon Primary and Wood Street Infant School	School Business Manager Climate & Sustainability Lead Headteachers (both sites)	Long-term project	No cost	Clear lines of communication with local schools and trust Increased confidence in responding to extreme weather events Shared resources and procedures across federation			
Understand both schools' energy use and look for	Review energy bills for both sites to understand patterns and	Eco Councils (both sites)	A year-long project	Built into premises budget	Clear baseline understanding of energy			



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ways to be more sustainable.	peak usage • Raise staff awareness of everyday energy-saving actions at both schools • Identify simple, low-cost changes that could reduce energy consumption • Engage Eco Councils in energy-saving projects appropriate to their ages	Climate & Sustainability Lead Sustainability Governor Site Managers (both sites)			use at both schools Evidence of improved awareness among staff and pupils Reduced or stabilised energy consumption over time			

Decarbonisation

Target (intent)	Actions / Tasks (implementation)	Responsibility (by whom?)	Timescale (by when?)	Integrated Curriculum Financial Planning (cost/resources)	Success Indicators (KPIs) - Intended Evidence of impact	Monitoring and evaluation of actions and impact (RAG)		
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To begin to reduce our energy use across the federation and look for more sustainable ways to get energy supplied.	• Monitor and maximise the benefits of Worplesdon Primary School's solar panels and ground source heat pumps installed through the Local Authority's decarbonisation project • Use Worplesdon's renewable	Climate & Sustainability Lead Site Managers (both sites)	Autumn 2027	No cost for initial review Worplesdon's solar panels and ground source heat pumps already installed through LA funding	Energy costs reduce at Worplesdon due to renewable energy generation Pupils understand how solar panels and			



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	energy systems as a learning opportunity for pupils to understand sustainable energy • Ensure efficient use of current energy at both sites • Track energy generation and usage data from Worplesdon's solar panels to demonstrate impact • Explore opportunities for renewable energy at Wood Street Infant School, learning from Worplesdon's experience • Share data and lessons learned from Worplesdon's decarbonisation project with Wood Street Infant School • Explore trust support for energy efficiency improvements at Wood Street • Implement behaviour change initiatives at both schools to complement infrastructure improvements	School Business Manager Science Coordinators (both sites) Eco Councils (both sites)		Future investment costs for Wood Street to be determined	ground source heat pumps work Clear action plan for energy improvements at Wood Street Data shows measurable reduction in carbon emissions at Worplesdon Federation-wide understanding of renewable energy benefits			



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To calculate our federation's carbon footprint and track progress.	• Use trust guidance or a simple recognised tool to estimate baseline carbon footprint for both schools • Separately calculate Worplesdon's carbon footprint before and after the installation of solar panels and ground source heat pumps to demonstrate the impact of the decarbonisation project • Record data clearly for year-on-year comparison • Set realistic reduction targets for the federation • Use Worplesdon's carbon reduction data as a case study to inspire action at Wood Street • Engage pupils in understanding carbon footprint concepts (age-appropriately) • Create pupil-led projects around monitoring and celebrating Worplesdon's renewable energy generation	Climate & Sustainability Lead School Business Manager Eco Councils (both sites) Science Coordinators (both sites)	Autumn 2027	£300 for carbon footprint tool (federation-wide)	Baseline carbon footprint established for both schools Clear data showing carbon reduction at Worplesdon from renewable energy Data recorded clearly and can be reviewed year on year Pupils understand what a carbon footprint is Pupils can explain how Worplesdon's solar panels and heat pumps reduce carbon emissions			



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To begin to improve waste management across our federation.	• Review current waste and recycling arrangements at Worplesdon Primary School • Review current waste and recycling arrangements at Wood Street Infant School • Identify simple changes to reduce general waste where possible at both sites • Establish age-appropriate recycling systems and education • Explore composting opportunities at both schools • Set up second-hand uniform shops at both schools • Link waste reduction to energy conservation - helping pupils understand the connection between reducing waste and reducing carbon emissions	Climate & Sustainability Lead Eco Councils (both sites) Site Managers (both sites)	Summer 2027	No cost to review Small costs for recycling bins/signage (£200)	Reduced general waste over time where possible Increased staff and pupil awareness of waste management Functioning recycling systems at both schools Second-hand uniform shops established			