

Rodborough Community Primary School Climate Action Plan

Rodborough's Five Pillars of Sustainability



Goal	Actions: <i>Explore/ Plan / Act</i>	Steps	Timeline for the action or expected completion date	Resources / Staff and Pupil Involvement / Notes
Establishing our Baseline				
Quantify our school's current carbon footprint and identifying where our emissions come from.	Use 'Count Your Carbon' tool to quantify current carbon usage	Conduct a parent survey to establish quantifiable data with regards to transport to school and reuse or uniform.	Completed February 2026	Estimated carbon footprint is 99.02 tonnes CO ₂ e per year. Possible Pupil involvement through 'The Playground' dash board where there are KS appropriate resources based on the school's data.
Understand our school's waste by conducting a bin audit.	MF liaised with Smiths re to recycling collections.		Completed February 2026	2 x 240l food recycling bins 2 x 1100 mixed recycling bins 2 x 1100 general non-recyclable waste bins

Understand our school's energy efficiency by conducting an Energy Audit	Analyse usage data using MyWME	MF Attending WME online Webinars: 'Delivering Sustainability Across the School Estate' and 'Mastering MyWME'. MF has contacted ESOS Energy and WME to request energy consultation via community engagement / volunteer hours Establish energy usage baseload Identify areas for saving during both operational and non operational hours via energy dashboard	Completed Awaiting date March 2027	ESOS energy have agreed to send a Lead Energy Engineer to undertake a survey free of charge and go over next steps for energy savings/efficiency at the school MF has taken part in MyWME webinar to learn how to read an analyse data from energy consumption Sept 2026
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Understand our curriculum by reviewing for climate change and sustainability content.	Possible areas for climate / sustainability content: ○ Geography ○ PSHE ○ Science ○ SMSC	Subject leads will send new curriculums to MF by end July 2026. MF to review for relevant content through the lenses of energy, transport, food, nature, society, waste and water.	September 2026	
Decarbonisation				
Reduce carbon emissions in our buildings by reducing electricity consumption	Replace older lights with LEDs	Undertake audit of the lighting provision and develop options to replace lights / lightbulbs (has been requested) Discuss options in context of school budget with KCW	August 2026	Stroud Electrical are conducting audit August 2026. An LED bulb replacement will decrease energy bills. LEDs use up to 90% less energy than incandescent or halogen bulbs.

		Review and Update October 2026	October 2026	with GCC to explore funding Sept 2026
	Ensure lights are switched off when not needed	Reminder sent to all staff Teachers to appoint a 'light monitor' in each class to make sure lights are switched off as the they leave the classroom. Signs next to light switches to remind that they are turned off.	September 2026	All staff Pupil involvement: Yes
	Increase heat retention	Remind staff and cleaners to close doors and ensure external door closed in winter months.		

		Possible installation of insulation bags above suspended ceilings in Office and reception class to improve heat retention.		
	Appliances and tech not to be left switched on/ on standby unnecessarily	Reminder sent to all staff. MF/ pupils to make a poster for staffroom to promote a culture change to embedding sustainability Cleaners to switch off fridges for longer school holidays (Christmas, Easter, Summer)	July 2026	All staff Pupil involvement

	Reduce carbon emissions in our buildings by installing motion sensors so lights switch off automatically when not in use.	Gain quotes from contractors – requested from Stroud Electrical Discuss with governors	August 2026 October 2026	MF liaising with GCC to explore funding Sept 2026
	Ensure catering staff have had training in energy efficient practices	Liaise with Caterlink	Completed	Staff have received training. Lights and appliances only switched on when needed. No pre warming time required.
	Ensure Water emersion heater controls are optimised	Are these currently linked to Trend? Not linked to trend – independently programmed. MF to	Before October half term	

		download programming instructions for 'Fusebox TD1' programme timer to check programme timings and adjust if required. First floor water heaters can be turned off independently – MF to turn off at the beginning of holidays and on at the beginning of term.	From October half term 2026	
Reduce carbon emissions in our buildings by reducing gas consumption	Optimise heating controls	Review use of Trend settings to ensure optimised heating controls	September 2026	

		Quote from contractor to install screen in boiler room so we can control Trend directly in situ rather than online via the GCC server, which can be problematic. Separate boilers and water heaters are independently controlled and not on Trend. MF to download instructions for boilers in Cabin and Kitchen. Check settings and adjust if required. These boilers can be independently switched off during holidays – frost dependant in cabin.	Before October half term 2026	MF liaising with GCC to explore funding Sept 2026
	Optimise heating system by changing	Gain quote from contractor to modify pipe work to	October 2026	P&R booked to install additional air heater to KCW

	head Teacher's office from classroom loop to admin loop, to better match the discrepant heating needs of different users.	change heating loop – booked for June 26	Completed	office which will be part of the Admin loop, as this is more cost effective than alterations to pipework and radiators
	Install reflector panels behind radiators	Gain quote from contractors/ purchasing online	October 2026	
	Install localised controls to all radiators / heaters to ensure they can be switched off if not needed – retrofit TMVs	Gain quotes from contractor- P&R booked June 2026	October 2026	P&R booked to install individual thermostats and off switches to classroom heaters meaning needs of individual spaces can be tailored within the parameters of the trend settings.

Reduce carbon emissions by increasing proportion of green energy procured	Possible installation of solar panels	MF in consultation with Gloucestershire Community Energy Cooperative	ongoing	Further consultation with CN GCC in September 2026 – Cabin unsuitable as now advising panels are not installed on wooden buildings. Possible on roof of the Reception classroom as the roof is in good condition and the pitch is more suitable. MF ongoing liaison with GCC.
Reduce carbon emissions by increasing and promoting recycling across the school community	Ensure correct segregation of waste to maximise recycling	Bins are different colours Ensure bins in staffroom labelled Reminder in PDM	September 2026	

Printer and copier
cartridges already recycled
by Sharps.

Food, paper, cardboard,
metal plastic already
recycled by Smiths.

Battery recycling box in
staffroom to take to
specialist recycling point
when full.

Explore schemes for ICT
device recycling such as
2econd Chance.

	Promote segregation and recycling of waste via posters made by the children.	Children to produce posters / signs. New 'Our Sustainable School' display in corridor	September 2026	Pupil engagement
	Encourage the reuse of uniform by the school community	FORS to hold regular uniform sales.	Completed	
Reduce carbon emissions as a result of travel to school by staff and pupils	FORS will help with a campaign against idling engines during school drop off and collection times.	FORS Green Officer has procured leaflets which have been sent out to parents digitally.	Completed	

	FORS looking at the feasibility of a walking school bus			
Reduce carbon emissions by sourcing and reusing play resources where possible.	Using the Scrap store to source items which can be used for play, old tyres, donated used toys.	In place	Completed / on going	
Reduce carbon emissions by replacing existing boilers with newer, more efficient boilers.	Bid for new boilers – current boilers are only working at approximately 80% efficiency.	MF in consultation with GCC. GCC have agreed to put in bid for new boilers for 2027	Spring 2027	MF to continue to liaise
Biodiversity				

Increase biodiversity on school property	Rewilding areas of school's grounds	Establish which areas can be rewilded School has registered to take part in RSPB Wild Challenge which includes biodiversity projects	Ongoing throughout 26/27	
	Planting additional trees on school grounds	Over 90 new fruit trees and beech whips have been planted	Completed March 2026	
	Making bug hotels to increase habitats for invertebrates and therefore providing more food for consumers	MF has contacted FORS who have begun collecting materials for the bug hotel	September 2027	Pupil involvement, either through RSPB wild Challenge or by Pupil Parliament / Rights Respecting Team

Conduct a biodiversity survey to establish site baseline – knowing what species are on site, how to protect them and how to increase biodiversity	Suggest to SLT / Wild Challenge Lead		Possible Spring 2027	Possible pupil or parental engagement – possible spring parental engagement, bring in identification books and hunt for bugs / identify plants? Links with Bioblitz, Habitat Explorers and Biodiversity Action Plan activities as part of RSPB Wild Challenge
Resilience and adaptation				
Workplace resilience to extreme weather	Resilience to increased heat, heavy rain and flooding	Establish protocols for rapid recovery after climate events. Have a protocol in place for adjusting hours during	September 2027	Local Climate Adaptation Tool (lcat.uk)

		periods of extreme weather as well as mitigating measure. Possible further areas of covered playground to protect from increased weather exposure.	Protocols put in place for Red Weather Warning June 2026 September 2026	Hot Heat days (>30c) will increase by 5.46 days per year by 2070 Heavy Rain days (>50mm) will increase by 0.11 by 2070
Mitigate decreased resilience and increased physical sensitivity in children under Age 5	Resilience in EYFS children	Adults should encourage children to take off their jumpers, put on hats and wear sunscreen. Children should be encouraged to play in shady areas of the playground.		Under 5s are less able to regulate their own temperatures in high heats. Under 5s are reliant on their care givers to support them to adapt to hazards or temperature changes

Increase our school's knowledge of resilience and adaptation by promoting water conservation practices.	MF Attending WME webinar: Water efficiency in schools Review existing curriculum to identify where water usage is covered. Additional specific education in water use Decrease water waste in school	Specific education through the curriculum focusing on water use Enrichment activities such as South West Water's Water Bus and guest assemblies. Children to make signs to promote water conservation	Completed In place Completed	Pupil Involvement
Prepare for the physical impacts of overheating from climate change by	• Natural ventilation • Cool roofs • shading through tree planting	Identify high heat areas and causes eg direct sunlight / poor ventilation	September 2027	

installing ventilation and cooling.	- insulation - Make sure blinds are effective	Explore options Grant application submitted by MF for GCC Community Climate Adaptation Fund to supply and fit heat reflective blinds for key aspects of the building, to reduce solar heat exchange during periods of high temperatures.	If successful installation between December 2026 and February 2027	
Climate education and green careers				
Increase awareness and knowledge of biodiversity with in the school community	Take part in the RSPB Wild Challenge Possible Eco Club	Lead teacher has been designated. School has signed up to scheme.	September 2027	

	Display board	Display board has been allocated and planned.	September 2026	
Ensure sustainability is embedded in the curriculum	Once review has taken place in July 2026 as part of establishing our baseline and common language has been established, explore ways to make sustainability explicit.	Conversation with subject leads and class teachers	September 2027	
Increase the visibility of our culture of sustainability throughout the school	New display board in entrance from September	As above	September 2026	

Look for additional opportunities to enrich learning about sustainability and the environment	South West Water – water bus visit. USE Count your Carbon simulation	Make suggestions to subject leads and SLT	September 2027	
Champion green skills in extra curricular activities.	Set up an Eco Club	Discuss with SLT	September 2027	
Helping children connect to nature	Forest school provision is available to all children and connects to all pillars of the CAP.	Maintain Forest School provision as part of OPAL, KS1 curriculum and Extra curricular club.	Ongoing / completed	
To use common language to help embed sustainability and make	Look for opportunities to use common language eg use in PDM	Explore further opportunities	Ongoing	

our sustainability goals explicit	minutes, change 'Environment Minister' in Pupil Parliament to 'Sustainability Minister'. Put up posters around the school to provide a common definition which can be accessed by all year groups.	Completed		
Increase our provision of books supporting sustainability awareness	Purchase specific books which focus on sustainability for each KS	Books recommended by Climate Ambassadors have been purchased.	Completed	Yes

Date completed ____June 2026____



Learning together, sharing together and achieving together.



Completed by _____ Mhairi Fitch _____

Updated _____ September 2026 _____