

Temple Sowerby CE Primary School



Climate Action Plan, 2024-28

Nominated Sustainability Lead: Karl Laithwaite

Goal	Action	Steps	Timeline	Resources
Action Plan Goal 1: Decarbonisation - reducing carbon emissions that are caused by our school				
Establish our baseline	Conduct Building Energy Audit to monitor current energy usage and identify areas for energy savings	Contact audit provider (through CAFS – Cumbria Action for Sustainability) to arrange site visit	Completed	£1,860 for complete audit – funded by DfE Sustainability Grant
Increase use of renewable energy	Instal solar panels on the roof to increase your use of renewable energy and reduce energy bills.	KB to obtain quotes from local companies Work with KL to select company and arrange installation	By Summer 24	Sustainability Grant and unspent Capital Formula funding
Reduce carbon emissions	Change light bulbs to LED bulbs throughout school building	Undertake audit of the current situation and develop options to replace lightbulbs Purchase LED lights and replace existing lightbulbs Train staff to use the new lights and replace when necessary	By Summer 26	Light bulbs and installation
Change behaviours in our school by	Make children aware of school energy use, its impact and what they can do to help	Purchase Ipad for hall display so all children can track school energy usage	December 25	Cost of Ipad and installation

running a 'Switch-off' campaign.		School council to lead whole school assembly on the importance of not wasting energy and to lead campaign to save energy Appoint pupils as 'Energy Monitors', responsible for reducing energy usage in classes - https://energysparks.uk/activity_types/12		
Update heating systems to increase energy efficiency	Switch heating systems to more efficient/ programmable radiators	Establish a LT programme of replacing heating each year KB to liase with electrician for quotes. Prioritise classrooms according to need and impact Set aside funds in annual budget and incorporate into estates management plan	Begin replacing heating Set up Estates Log to prioritise year on year upgrades – Summer 25 Include funds in May 25 3-year budget	Approx £2,000 per year (2025-28)
Reduce carbon emissions from lights	Reduce carbon emissions in our buildings by installing motion sensors so lights switch off automatically when not in use – children's toilets and corridor	Research most appropriate motion sensors for areas of your school (classrooms/ corridors). Hire contractors to install the motion sensors. Set lag times for sensors – 15 minutes for classrooms, 5 minutes or less for corridors or toilets. Train staff to use and maintain the sensors.	Summer 26	Need quotes
Action Plan Goal 2: Biodiversity - improving habitats and biodiversity around our school				
Improve habitats and biodiversity around school	Increase our school's knowledge of biodiversity by running a weekly gardening club.	Advertise amongst pupils. Grow plants and get students involved in maintenance/ harvest.	Ongoing	Initial cost of resources - £200 Staffing – 2 hrs per week

	<p>Increase biodiversity on school property by rewilding area of school's grounds for use in Forest Schools.</p>	<p>Identify area of school ground suitable for rewilding. Decide what type of rewilding – small pond area, insect hotel, wildflowers, squirrel boxes, bird-feeding and nesting).</p> <p>Buy native plants and let the area grow. Educate staff and students on ongoing maintenance.</p>	<p>Summer 25</p>	<p>Logs, plants and materials - £300</p>
<p>Make links to support biodiversity within our community</p>	<p>Establish link with Acorn Bank National Trust to access and take responsibility for an area of woodland (Forest Schools) and garden (gardening club)</p>	<p>Forest school leader to develop links with Acorn Bank community staff Regular visits during summer months to learn about habitats and biodiversity</p> <p>After-school clubs to promote gardening</p>	<p>Established by Summer 25 – ongoing</p>	<p>None</p>

Action Plan Goal 3: Climate Education – helping children to understand climate change and its impacts within our school				
Engage pupils with climate action	Develop links with Cumbria Education Development Centre – FIDS project	Staff CPD (joint with Culgaith) with CDEC to look at ways of encouraging children to think about global issues and what positive action they can take	Initial training – Jan 25 FIDS Project – before Summer 26	
	Involvement with Cumbria Youth Climate Summit	CDEC to lead workshops with school council (climate audit) and KS2 (composting)	Completed Autumn 24	
	School council to complete climate audit to review areas if improvement	School to host ‘Letters to the Earth’ workshops with Culgaith School – school councils to write letters for the Climate Summit	Completed Summer 24	
	Make links to local organisations	Acorn Bank and Penrith Bee Society – pollinator project Enquire about workshops with ‘Another Way’ charity in Penrith (may only be secondary) https://another-way.org.uk/workshops-awareness/#schools	Summer 25 Autumn 25	
Embed climate change in our curriculum	Staff CPD in climate curriculum	Staff to attend ‘Climate Curriculum’ CPD - Penrith	Spring 24	
	Subject leaders to incorporate climate units into our long-term curriculum	Conduct review of our LT curriculum in key subjects such as science and geography Subject leaders to incorporate units on climate and Include in staff performance management targets – science and geography	By Summer 26	
Action Plan Goal 4: Resilience and Adaptation – how to improve the school’s resilience to weather impacts like flooding and overheating through adaptation measures				

<p>Ensure planning is in place to respond to periods of extreme heat</p>	<p>Uniform and Sun Smart policies updates to allow for relaxed dress code and appropriate measures in periods of hot weather</p>	<p>Review existing policies and discuss in staff meetings to ensure they are applied consistently</p>	<p>Ongoing</p>	<p>None</p>
	<p>Ensure children have access to shade and shortened playtimes in periods of extreme heat</p>			
<p>Reduce water usage</p>	<p>Conduct a review/ audit of water fixtures.</p> <p>Identify possible areas of efficiency such as:</p> <ul style="list-style-type: none"> • low-flow taps • dual flush toilets <p>Install fixtures and ensure staff how to use and maintain.</p>	<p>Contact local plumbers to identify possible changes</p>	<p>Summer 26</p>	<p>Cost of taps and installation – dependent on outcome of audit.</p>