Your school's carbon baseline: 122.71 t CO₂e

Climate Action Plan

Padstow School and Nursery

1 year plan Autumn 2025 – 2026





Calculation: November 2025

Progress Key

Not Started

In Progress

Stalled

Climate Action Plan history

					ED FIRST STEP	
		ACT	ION		NOTES	TRACKER
Your Carbon Foo Your schools total ca		timated to b	e: 122	.71 to	Completed November 2024	
Operational area	Emissions area	Scope	t co2e*	% **		
Energy, Waste & Water	• Fuel	1	0	0%		
	Electricity	2	11.3	9%		
	Waste	3	0	0%		
	● Water	3	0.3	<1%		
Transport	School vehicles	1	0	0%		
	School trips	3	1.3	1%		
	Student commuting	3	12.7	10%		
	Staff commuting	3	31.5	26%		
Food	Food	3	29.5	24%	′	
Purchasing & Uniform	Purchasing	3	36.2	30%		
	Uniform ***	Out-of-scope	0	n/a		

GET STARTED						
ACTION	TIMEFRAME	STAKEHOLDERS	NOTES	TRACKER		
Sign up to the Let's Go Zero campaign By joining this campaign, your school confirms that it is taking action now to reduce its own carbon impact, and that it demands the UK Government help all schools reach this goal by the end of the decade.	Start: 19.11.2025 Review:	Kim Joyce				
Set up a sustainability working group Assemble a Sustainability Working Group featuring different stakeholders across the school to collaborate and effect change. Ensure one person has oversight, taking the title of 'Sustainability Lead' and where possible provide PPA time for this role.	Start: March2024 Review: March 2025	Kim Joyce				
Add sustainability plans, projects and successes to your school website and share through wider communications Celebrate your school's climate action on your website, in newsletters, social media, local press, and events to showcase your successes and involve the wider community. Use the Let's Go Zero comms pack to do this.	Start: Review:					

NB. Carbon Neutral Cornwall have a brilliant <u>Schools Net Zero Tool Box</u> with lots of local resources signposted

1. Decarbonisation and Energy Efficiency Calculating and taking actions to reduce carbon emissions and becoming more energy efficient

	ENERGY – BUILDINGS AND RETROFIT						
ACTION		STAKEHOLDERS	NOTES	TRACKER			
Recommended actions listed below – during the workshop, keep or delete rows to suit your setting; or add in your own actions in blank rows							
Install a smart meter Contact your energy and/or water supplier to get a smart meter installed. This is an important first step to get data to track consumption and is needed before you can sign up to energy usage analytics platforms, e.g. Energy Sparks.	Start: Review:		There is a guide here with smart meter information, that helps you to identify what kind of meter you have. If you already have a smart meter, check with your energy provider if you have half hourly meter readings – upgrade if not.				
Optimise your BMS/BEMS settings and ensure your heating and hot water systems have efficient timings and temperatures set 18°C is the general recommendation for classroom temperatures, whilst hot water coming out of taps should be no higher than 43°C (stored at 60°C). Experiment with your heating schedule while maintaining comfort - running it one hour less per day or reducing temperatures by 1 degree can cut annual heating costs by 5–10%, according to the DfE.	Start: November 2024 Review: November 2025	Sean Alcock	There are some resources and activities around this on the Energy Sparks website here . Check the timings of the underfloor heating – can usually be switched off by lunchtime at the latest, as it takes a long time to cool down. Discussion with site manager linked to heating timings of the day				
Install TRVs on radiators Install thermostatic radiator valves (TRVs). These will maintain the room at a set temperature and allow local control of heating. These can be easily retrofitted on most existing radiators.	Start: Review:						
Investigate the potential for solar panels Find out who you need permission from and contact solar providers to check the suitability of your roof spaces and	Start: March 2023	Sean Alcock	Solar panels installed				

available (direct purchase, lease, Aim to compare approaches from at providers to check you are getting ell for your setting. Providers we ith: Solar for Schools & Eden
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ENERGY – BEHAVIOURAL CHANGE						
ACTION	TIMEFRAME	STAKEHOLDERS	NOTES	TRACKER		
Recommended actions listed below – during the w	orkshop, keep	or delete rows to su	uit your setting; or add in your own actions in l	blank rows		
Incentivise students to address energy usage Proactively engage and empower the student body to take a lead in promoting and implementing energy efficient behaviour changes to help save costs, reduce emissions, and make their setting more sustainable. Incentivise engagement through inter-class competitions and/or eco awards, or by electing school energy champions. LASER Energy have a School Energy Action Hub filled with free energy-saving resources for primary and secondary school pupils.	Start: March 2024 Review: March 2025	Kim Joyce	We have Eco-school parliament members. They deliver assemblies to the school, they helped put green and red dots on appliances which can and cannot be turned off. They meet throughout the school year to discuss next steps.			
Take part in a switch off campaign Take part in a switch off campaign, e.g. Switch Off Fortnight. Aim for 10% reduction of energy use (the typical amount saved by participating schools). Running campaigns before the holiday period (such as a summer switch-down) can lead to reduced energy use over the holiday period.	Start: May 2024 Review: May 2025	Kim Joyce	Staff and children informed when to turn off equipment. On the last day, children walk around and turn off the 'green' dots equipment.			
Monitor energy use on a regular basis through dedicated platforms Use an energy monitoring platform (e.g. Energy Sparks) to visualise and understand your energy usage. Use the data to look for patterns in day-to-day energy consumption and assess your energy baseload (how much energy you use continually). Armed with this information, you can	Start: Review:		Energy Sparks report average savings for secondary schools in 23/24 of £21,0000 per year. Energy Sparks report average savings for primary schools in 23/24 of £5,000 per year. There is a pupil dashboard so students can get			

decide where and when is best to target energy savings. If you are already sending your energy data to your provider, get in touch with them and ask them for access.			involved with monitoring and understanding energy usage, bills, and savings. Energy Sparks host regular online induction sessions for different roles within schools to ensure that schools can maximise their use of the platform.	
Implement a power down strategy for electrical devices and appliances Implement power-down strategies across the school, such as sleep and automatic shutdown settings on computers, projectors, and smart boards, and switching off scanners and printers overnight. You can use a mix of automatic (e.g. timer-controlled switches) and manual shutdown approaches depending on need.	Start: March 2025 Review: March 2026	Kim Joyce	Staff and children informed when to turn off equipment. On the last day, children walk around and turn off the 'green' dots equipment.	

FOOD								
ACTION	TIMEFRAME	STAKEHOLDERS	NOTES	TRACKER				
Recommended actions listed below – during the w	Recommended actions listed below – during the workshop, keep or delete rows to suit your setting; or add in your own actions in blank rows							
Arrange a menu consultation through an external organisation e.g. ProVeg Considering where and how plant-based meals are displayed on menus can reduce bias against these options, e.g. by making the vegetarian offer the default or first in the list. Your Advisor can send off your menu to ProVeg for a free menu consultation / advice on this. Engaging your catering team or provider with this is a great way to bring them on board with your sustainability efforts.	Start: September 2025 Review: September 2026	Kim Joyce Debbie Dalton	HOS and school catering lead discuss food choices for the children throughout the year.					
Increase the number of planet friendly, meat-free options on offer every day	Start: March 2025 Review: March 2026	Debbie Dalton	Introduction of jacket potato and tomato pasta every day for the children to choose from. This now means the children have 3 vegetarian options a day and one meat.					

Increase your daily plant-based and vegetarian offers. From more hot meal options to addressing your sandwich or jacket potato offerings, adding some tasty and interesting meat substitutes will make switching from meat easy and appealing!				
Weigh food waste from kitchen and plates, share results, and set a target to reduce this Get your students involved in daily weigh-ins of food waste as part of their curriculum or eco-club activities to enhance their understanding of the scale of food wastage. Feed findings back to your school caterer and catering staff to make necessary changes to dishes/menu. Sharing the results with teaching staff, pupils and the wider school community can motivate everyone to reduce their food waste even further.	Start: Review:			
Start or improve composting and food waste facilities on-site Set up or improve composting for small items like snack-time fruit, as a supplement to your main regular food waste collection. Composting is a great educational tool for engaging students! To get started, ask your school community for unwanted compost bins.	Start: June 2025 Review: June 2026	Sean Alcock	Introduction of food waste bins in two staff rooms. This is also used for any food wastage during snack times	

NB. Riverford's <u>Chefs in Schools campaign</u> offers fully funded training course for schools across the southwest

PROCUREMENT					
ACTION	TIMEFRAME	STAKEHOLDERS	NOTES	TRACKER	

Recommended actions listed below – during the	Recommended actions listed below – during the workshop, keep or delete rows to suit your setting; or add in your own actions in blank rows						
Develop your uniform exchange and extend existing reuse practices Evaluate your uniform exchange to track how many items are being re-used, and set a target/take steps to increase its uptake e.g. improved communications to the wider school community and putting systems in place to receive uniform donations from school leavers. Make sure to include PE kit too!	Start: October 2024 Review: October 2025	Kim Joyce	Lost property bin is in the office so people are able to come and take items of clothing. During certain events e.g. PTFA summer fayre, have second hand uniform out so people can come and get second hand uniform				
Reduce branding on uniform and other school items Reduce the number of items that require school brand or special school colours, and/or set clothing procurement CO ₂ limits on embroidery and personalisation.	Start: September 2024 Review: September 2025	Kim Joyce	There is no expectation for children to wear any uniform which is branded (including P.E kits). Parents have an option to purchase branded items if they would like to				
Follow sustainable practices when choosing products This approach involves purchasing products that were designed and produced ethically and sustainably, are non-toxic or made from materials that can be recycled or managed sustainably as waste. This action can follow or support the development of a sustainable procurement policy.	Start: Review:		There is an example Sustainable Procurement Policy from Our Schools Our World Suffolk here: Microsoft Word - Sustain. procurement 2021.doc And some other information here: Procurement — Our Schools, Our World				
Factor in energy efficiency when buying new equipment such as ovens, fridges, kettles etc. Ensure that cost is balanced against the efficiency rating of electrical appliances to compensate upfront cost with running cost and longevity, e.g. Choosing only appliances that are the highest efficiency rating for that product.	Start: Review:						

WASTE							
ACTION	TIMEFRAME	STAKEHOLDERS	NOTES	TRACKER			
Recommended actions listed below – during the work	kshop, keep or	delete rows to suit	your setting; or add in your own actions in b	lank rows			
Carry out a bin audit to ensure mandatory recycling requirements are being met New mandatory waste regulations require all dry recycling and food waste to be separated from general waste. To do this effectively, carry out a bin audit to review location, internal and external capacity, and labelling. Your CAA can provide a bin audit toolkit with label templates.	Start: Review:						
Provide students with education on the importance of reducing, reusing and recycling correctly			This is a part of PSHE programme				
Teach students about the waste hierarchy: 'Reduce -> Reuse -> Recycle' through a variety of assemblies, workshops and initiatives. These could be run by your eco-team, local authority, or waste contractor. Teach how recyclables are processed and the importance of reducing single-use and supporting a circular economy. Organisations such as Wastebuster and Recycle Now have a variety of curriculum-linked resources. Your CAA can provide additional resources on request.	Start: September 2024 Review: September 2025	Kim Joyce					
Run waste/plastic reduction initiatives or campaigns with pupils and staff							
Take school-wide action to reduce waste. Run an initiative yourself, or engage with a local or national campaign. For example, you could work to become a <u>Plastic Free School</u> with <u>Surfers Against Sewage</u> using their free resources.	Start: Review:						
Establish procedures for the reuse of school supplies and equipment When having a clear out of supplies and equipment, prioritise reuse over disposal to allow for potential income and/or cost-saving opportunities (e.g. reduced skip hire costs). Use existing networks and online platforms to donate / sell unwanted supplies and equipment - e.g. wider school	Start: September 2024 Review: September 2025	Kim Joyce	Within Aspire, HOS communication with each other if furniture/equipment is not needed anymore and if other require it. This has allowed us to reuse equipment across the trust				

community, local schools and nurseries; <u>School Resources</u> <u>Exchange</u> ; Facebook Marketplace, etc.		

TRANSPORT					
ACTION	TIMEFRAME	STAKEHOLDERS	NOTES	TRACKER	
Recommended actions listed below – during the	workshop, kee	p or delete rows to s	uit your setting; or add in your own actions in	blank rows	
Run active travel campaigns					
Participate in annual Active Travel Campaigns. Your CAA can provide a list of different options (including Living Streets' Wow campaign and Sustrans' Big Walk and Wheel). Aim for these events to trigger a permanent shift to sustainable travel from students who live locally enough to do so. Facilitate walking and cycling to school by establishing Park & Stride or Walking Bus initiatives. Ask the PTA or engaged parents to support with these.	Start: Review:				
Develop an active travel plan Create and implement your school travel plan which supports cycling, walking and other forms of sustainable travel. Explore if your local authority offers support for this (ex: contact your travel or road safety officer). Modeshift Stars Education is an accreditation programme you can sign up to whilst creating and			Cornwall Council and Sustrans have created a great guide here Hawkesbury School have a lovely 'active travel' page on their website with an active travel map and additional information. This has been developed with Modeshift STARS. Bike buses are parent-led initiatives that run weekly		

implementing your travel plan to track your progress and receive awards.			(or less regular) bike rides along a designated route, picking up children along the way. They can increase cycling confidence and are an effective way of highlighting the need for better cycling infrastructure. Info and resources here , and here , and here , and here .	
Provide cycle proficiency lessons in school Host cycling proficiency lessons in your school grounds, such as Bikeability. Your local authority should be able to support you to get signed up (check with your local travel or road safety officer).	Start: September 2024 Review: September 2025	Emma Sanders	We provide bike-ability to Year 4/5 children in our school	
Install EV charging points Install EV charging points in your car park for staff or parents and charge for usage.	Start: Review:			

2. Climate adaptation and resilience

Taking actions to reduce the risk of flooding and overheating and to future-proof scarce resources for potential shortages

ADAPTATION AND RESILIENCE					
ACTION	TIMEFRAME	STAKEHOLDERS	NOTES	TRACKER	
Recommended actions listed below – during the workshop, keep or delete rows to suit your setting; or add in your own actions in blank rows					
Conduct a climate resilience audit					
Conduct a climate resilience audit of the school site, e.g. To check all windows and blind open and close, guttering, planting etc. The Climate Ready School Grounds survey from Learning Through Landscapes	Start: Review:				

covers all weather conditions and involves students' opinions of their grounds.				
Subscribe to receive Heat Health Alerts and write a heatwave policy Subscribe to the UK Health Security Agency's (UKHSA) Heat-health Alert Service. Familiarise your staff with updated DfE guidance on hot weather. Write a heat wave policy to address issues such as uniform, PE, suncream and outdoor learning. Consider adopting the joint union heatwave protocol including short-term, medium term and long-term measures.	Start: Review:			
Ensure staff understand how to cool their rooms through cross ventilation and other context specific measures Communicate to staff how best to cool their rooms through cross ventilating and maximising air flow. Ensure windows and vents can remain open to ventilate rooms and monitor CO ₂ levels using devices.	Start: May 2025 Review: May 2026	Aspire H&S Team Kim Joyce	CPD meetings linked to the discussion about how to cool rooms. Classrooms have C02 level devices to be able to monitor this.	
Consider measures to increase adaptation to flooding risks Sustainable Drainage Systems (SuDS) can be installed to manage water flow and reduce the risk of flooding, unless clear evidence suggests that this would be inappropriate. Some techniques for implementing SuDS include: greening (e.g. Green roofs); permeable surfaces (e.g. Pavements); water storage (e.g. Rainwater harvesting).	Start: Review:			

WATER					
ACTION	TIMEFRAME	STAKEHOLDERS	NOTES	TRACKER	
Recommended actions listed below – during the workshop, keep or delete rows to suit your setting; or add in your own actions in blank rows					

	1	•		
Check site for leaks using your water meter Check your site for any water leaks using your water meter. You can access a water audit from your water supplier or use the Anglian Water school water audit guide to involve students in carrying out a water audit. Schools of 600 pupils can save up to £5,000 per year through water reduction.	Start: Review:			
Raise awareness around water consumption and efficiency Consider engaging with your local water company who may have an education team or free resources on their websites, from assembly sessions and visits to primary schools for your pupils to webinars, downloadable tools and guides, and more.	Start: Review:		South West Water offer <u>free lessons and workshops.</u>	
Install water butts to harvest rainwater Capture rainwater to use on plants and grounds around school – and help reduce water flow in heavy downpours whilst saving mains water.	Start: Review:		Your water company might provide one? Or ask parents and wider school community if anyone has one they are happy to donate.	
Install mechanisms to reduce water wastage At the end of life ensure that taps are replaced by push press mechanisms to reduce water wastage or install low-flow attachments. As and when your existing taps and toilet flushes approach their end of life, ensure that the replacements include flow reduction measures to save as much water as possible, e.g. smaller cisterns or install water hippos to reduce water capacity in normal cisterns. Check your water supplier to see if they do free water audits and installations.	Start: Review:			

3. Biodiversity and Green Infrastructure

Creating habitats and adopting practices that will enhance species diversity on the school estate and beyond

NATURE NATURE					
ACTION	TIMEFRAME	STAKEHOLDERS	NOTES	TRACKER	
Recommended actions listed below – during the	workshop, keep	or delete rows to su	it your setting; or add in your own actions in	blank rows	
Take part in The Nature Park The Nature Park aims to embed nature-based learning into the curriculum and encourage children and young people all over the country to take action to improve their site for people and wildlife. The programme provides the support and guidance needed to make this happen, with five key steps in the journey and the actions needed to reach your goals.	Start: Review:	Teachers	The South West now has two National Education Nature Park reps who can help you navigate the website and resources and provide additional support and ideas. The contact email is southwestnaturepark@rhs.org.uk		
Establish a gardening/nature club Set up a gardening and/or nature club for pupils or students to join. The club can help develop the school site for nature, outdoor learning and staff and pupil wellbeing. Engage with the wider school community for volunteer support and resources.	Start: Review:				
Increase biodiversity to support local wildlife e.g. add a pond, plant pollinator-friendly plants, put up birdfeeders, bat boxes and 'bug hotels' Develop your outdoor spaces to create a mosaic of habitats and features to provide food, shelter and water for wildlife. Grant funding is often available for this, and make use of the wider community for support and resources.	Start: Summer 2026 Review: Summer 2027	Sean Alcock Lisa Lobb Kim Joyce	Development of the outside area will include plant pollinator-friendly plants Nursery are going to create 'bug hotels'		
Create accessible outdoor spaces that enable students to connect with nature	Start: Review:	Sean Alcock Lisa Lobb Kim Joyce	Outside classroom installed		

Identify areas in your school grounds where students can connect with nature. Ideally spaces with natural shade, space for seating and suitable access.		Forest area access for all children Nursery outside area development to allow for more outside learning	

4. Climate Education, Green Skills and Green Careers

Ensuring the education you provide gives knowledge-rich and comprehensive teaching about climate change, and that your teaching staff feel supported to offer this

NB. Green Charter for schools in Cornwall & the Isles of Scilly

	CULTURE				
ACTION	TIMEFRAME	STAKEHOLDERS	NOTES	TRACKER	
Recommended actions listed below – during the workshop, keep or delete rows to suit your setting; or add in your own actions in blank rows					
Set up an Eco Club or Eco Council for pupils to lead on sustainability initiatives Establish a student Eco-Club or Eco Council. Consider inclusivity and longevity of projects so that as many students as possible can take part throughout their time at school.	Start: March 2024 Review: March 2025	Kim Joyce	We have Eco-school parliament members. They deliver assemblies to the school, they helped put green and red dots on appliances which can and cannot be turned off. They meet throughout the school year to discuss next steps.		
Set up a sustainability award for students or classes Create an Eco Award as part of the Eco Club's work, either as an end of year celebration or a weekly/half termly award e.g. for the class who do the most recycling/turn off lights and screens most consistently.	Start: Review:				
Provide CPD opportunities for staff on sustainability Investigate appropriate CPD opportunities for staff, e.g. sharing existing sustainability related content and developing skills through Carbon Literacy Training, Climate Fresk or our own Let's Go Zero session that can be delivered in person at staff INSET or remotely.	Start: Review:				
Support your staff to attend local sustainability networks & events Include sustainability networks and events in your staff CPD offer and encourage and support staff to attend.	Start: November 2025	Kim Joyce	19.11.2025 – KJ attended sustainabilityty conference		

You can include the Let's Go Zero webinar schedule in your CPD offer plus events from UKSSN, National Education Nature Park and other offers local to your school.	Review: November 2026		

CURRICULUM						
ACTION	TIMEFRAME	STAKEHOLDERS	NOTES	TRACKER		
Recommended actions listed below – during the	Recommended actions listed below – during the workshop, keep or delete rows to suit your setting; or add in your own actions in blank rows					
Complete a curriculum audit Complete a curriculum audit to understand how and where sustainability currently features in your curriculum as well as where there are gaps. This may focus on topics as a whole or individual lessons across all subject areas. Online resources such as Map The Curriculum may be helpful for this.	Start: Review:		Primary: Down Ampney school in Cirencester have a great example of how they have included sustainability into their curriculum – it's on their website here. Natural Curriculum have some lovely Morning Starters and other curriculum resources using nature.			
Amend your curriculum to incorporate sustainability Amend your curriculum to include stronger links to climate change and sustainability. This could be a total refresh, a bit of tweaking, drop down days or simply adding extra assemblies. Teach the Future, Royal Meteorological Society (Curriculum for Climate Literacy) and the MoEE have amazing resources on how to weave sustainability throughout your curriculum.	Start: Spring 2025 Review: Sprint 2026	Hayley Thomson	Review with teaching staff linked to where we can make stronger links to climate change and sustainability. Links are being made in Science and PSHE			
Survey staff on how they feel about teaching sustainability issues Conduct a survey to understand staff capability to teach sustainability and use this to identify any support needed. This might include asking them to rate their knowledge and confidence about the causes and effects of climate change, as well as the ability to navigate potentially	Start: Review:					

difficult conversations with pupils including eco-anxiety. Let's Go Zero have a <u>template survey</u> you can use.				
Create an environment where lessons can be taught outside in all subjects Improve outdoor learning and encourage creative pedagogy that enables students to connect with nature and the local community. Set up regular opportunities to learn in nature across all areas of the curriculum. You can get support and advice from the Forest School Association, Learning Through Landscapes or the National Education Nature Park.	Start: Summer 2023 Review: Summer 2026	Kim Joyce	We have purchased an 'outside classroom' which has allowed more lessons to be completed outside. The school has multiple outside sites which has a variety of covered and open space which children are able to learn outside.	

GREEN SKILLS & CAREERS						
ACTION	TIMEFRAME	STAKEHOLDERS	NOTES	TRACKER		
Recommended actions listed below – during the workshop, keep or delete rows to suit your setting; or add in your own actions in blank rows						
Access the Climate Ambassadors scheme Connect with Climate Ambassadors in your region and invite them to do school assemblies on green skills and curriculum linked topics.	Start: Review:					
Include green skills as part of careers guidance Integrate green skills and career pathways in school career fairs Engage with the National Education Nature Park Green Skills framework for careers education and development of green skills across the wider curriculum. Increase awareness of vocational options (e.g. Plumbing, construction, electrical).	Start: Review:		Primary Earth Cubs 'What are Green Jobs?' Twinkl Green Skills and Careers resources Secondary WWF Sustainable Futures Green Futures - Curiosity Connections. Resources and workshops for schools in the West of England.			

			Power of 10 has a good 'Careers Guide Book' for schools (free account creation needed) General Climate Ikigai is a nice concept – encouraging pupils (and adults!) to think about: what they love doing; what they're good at; what the world needs – more info here.	
Invite inspirational green careers speakers in to speak to pupils Find green careers speakers to inspire pupils. This could include parents or governors. Use Primary Futures, Inspiring the Future, Speakers for Schools to find speakers.	Start: Spring 2026 Review: Spring 2027	Kim Joyce	In Spring, we are hosting an 'Inspirational speaker month'. During this month, we will invite green careers into speak in assemblies to children from YR – Y6	
Provide opportunity for all pupils to take leadership on sustainability Provide pupils with more opportunities for engagement and leadership on sustainability projects, e.g. Gardening, tree planting, wildlife surveys etc.	Start: September 2025 Review: September 2026	Kim Joyce	Every year, all children are given the opportunity to become a Eco – school parliament members.	





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