

Carbon baseline: TBC tCo2e Calculation: June 2025



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NET ZERO | Guardian Angels Roman Catholic Primary School, Bury - Online Tracking of our Journey

GET STARTED

Laudato Si: "If someone has not learned to stop and admire something beautiful, we should not be surprised if he or she treats everything as an object to be used and abused without scruple. If we want to bring about deep change, we need to realize that certain mindsets really do influence our behaviour. Our efforts at education will be inadequate and ineffectual unless we strive to promote a new way of thinking about human beings, life, society and our relationship with nature."

ACTION	TIMEFRAME	STAKEHOLDERS	SIP/DIOCESAN LINK	NOTES/TRACKER
Sign up to the Let's Go Zero campaign - 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: Summer 2025	B Smethurst, J Davies, J Sly, S Scully, J Ensor, SLT	Diocesan Goal 1	Sustainability Lead - L Shaw
Calculate school's carbon footprint in our educational setting using Count Your Carbon	Review: Spring 2026		Diocesan Goal 30 - Share your annual activities and reductions in carbon and energy consumption.	Net Zero Heroes / Sustainability Squad & Eco Angels

1. Decarbonisation and Energy Efficiency

Calculating and taking actions to reduce carbon emissions and becoming more energy efficient

ENERGY - BEHAVIOUR CHANGE				
Catholic Life and Mission (CLM3.2): Leaders and governors embrace and actively promote the bishop's vision for the diocese including our aims to be Carbon Zero by 2030. They are enthusiastic in their response to diocesan policies and initiatives by engaging in active energy reduction and are seeking ways in which to meet ambitious Diocesan targets including ambitious retrofit projects.				
ACTION	TIMEFRAME	STAKEHOLDERS	SIP/DIOCESAN LINK	NOTES/TRACKER
Take part in the 'Switch off' Campaign. - Turn lights off when not in the room. - Turn interactive boards off when not in use. - Turn off all ports at the end of each day. - Turn down heating in classrooms.	Start: Summer 2025 Review: Spring 2026	All staff, pupils, governing body	Diocesan Goal 3	Monitoring tool - Are you ready to cut your school energy costs and carbon footprint? Energy Sparks Sleep setting for printer overnight.
Monitor energy consumption termly and compare to similar schools locally. Meter readings for; water, electricity and gas. Upgrade boiler to water pump system.				Set up timer in the evenings, weekends and school holidays, when the building is out of use.

ENERGY - BUILDINGS & INFRASTRUCTURE				
Catholic Life and Mission (CLM3.2): Leaders and governors embrace and actively promote the bishop's vision for the diocese including our aims to be Carbon Zero by 2030. They are enthusiastic in their response to diocesan policies and initiatives by engaging in active energy reduction and are seeking ways in which to meet ambitious Diocesan targets including ambitious retrofit projects.				
ACTION	TIMEFRAME	STAKEHOLDERS	SIP/DIOCESAN LINK	NOTES/TRACKER
OLOL - LED lighting after building work completed GA - Building audit and planning on a rolling programme. Contact diocese for financial bursary support.	Start: Summer 2025 Review: Spring 2026	B Smethurst, J Davies, J Sly, S Scully, J Ensor	John Corrigan - Budget support Diocesan Goal 2	Greater Manchester schools solar collective purchase scheme - GM Green City

BMS Systems - timers on heating system				GUARDIANS OF CREATION PROJECT - RETROFIT & REFURB CHECKLIST
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PROCUREMENT

Laudato Si: “We all know that it is not possible to sustain the present level of consumption in developed countries and wealthier sectors of society, where the habit of wasting and discarding has reached unprecedented levels. The exploitation of the planet has already exceeded acceptable limits and we still have not solved the problem of poverty.”

ACTION	TIMEFRAME	STAKEHOLDERS	SIP/DIOCESAN LINK	NOTES/TRACKER
Uniform swap shop - sustainability.	Start: Summer 2025	All staff, pupils, governing body	Diocesan Goal 5 & 9	
Book swap	Review: Spring 2026			

FOOD

Catholic Life and Mission (CLM3.5): Leaders and governors are inspirational witness to the Gospel and to Catholic Social Teaching in their direction of the school at every level: this is shown through our decisions surrounding the nourishment of our pupils, staff and community. They embody the Church’s preferential option for the poor by ensuring that resources are consciously and effectively targeted at those in greatest need through our work on minimising food waste. In every one of their decisions, such as supporting meat reduction on our school menus, they demonstrate an exemplary commitment to care for our Common Home, to the pursuit of the common good and to service of those in greatest need.

ACTION	TIMEFRAME	STAKEHOLDERS	SIP/DIOCESAN LINK	NOTES/TRACKER
Options on menu - pre order so less waste	Start: Summer 2025	Bury MBC, Kitchen Staff, SLT, Families, School Grid	Diocesan Goal 5 & 9	
Vegetarian / vegan options	Review: Spring 2026			

TRANSPORT

Catholic Life and Mission (CLM1.3): Through actions such as our sustainable travel campaigns, pupils gladly embrace their personal responsibility to care for our Common Home, pursue the common good and through their global actions on transport, serve those in need.

ACTION	TIMEFRAME	STAKEHOLDERS	SIP/DIOCESAN LINK	NOTES/TRACKER
WOW: Living Streets - Walk to School Tracker - active travel for sustainability once per week.	Start: Summer 2025 Review: Spring 2026	MODESHIFT STARS, BEE NETWORK, BURY COUNCIL, TFGM Pupils, families, staff, community	Diocesan Goal 7	
School Street - Marshalled by staff				
TFGM/ Bee Network - funding for bike shelter Bikeability Road safety Active local trips Bikeability and Road Safety Sessions				Complete baseline travel survey - WOW Living Streets.

WASTE

Catholic Life and Mission (CLM1.3.): Through our mission to act as stewards of our common home, our pupils have a clear understanding that the school community is committed to following the teaching and example of Jesus as expressed in the Gospels, the social teaching of the Church and the school's own particular charism. As a result of taking part in our waste reduction actions, such as donating their pre-loved uniform to our uniform swap shops, pupils flourish as they seek opportunities to grow in virtue. Through leading campaigns, such as recycling the canteens, they gladly embrace their personal responsibility to care for our Common Home, pursue the common good and serve those in need.

ACTION	TIMEFRAME	STAKEHOLDERS	SIP/DIOCESAN LINK	NOTES/TRACKER
LABEL BINS CORRECTLY	Start: Summer 2025 Review: Spring 2026	All staff, pupils, governing body	Diocesan Goal 6	
Educational on recycling - Laudato Si week themes				
Composting Plastic Count - Science Week Trashion - Sustainability conference				Sustainability Conference Eco Angels' Project

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

Catholic Life and Mission (CLM1.4): Pupils take a leading role in responding to the demands of Catholic Social Teaching and are pro-active in finding ways of responding, locally, nationally and globally to issues surrounding water conservation. They can clearly articulate the theology underpinning their actions to care for our common home, locally through turning off taps and collecting rainwater for our gardens through to global action for all God's children, such as supporting our adaptation and resilience measures.

ACTION	TIMEFRAME	STAKEHOLDERS	SIP/DIOCESAN LINK	NOTES/TRACKER
Sheltered areas - picnic benches	Start: Summer 2025	All staff, pupils, governing body	Diocesan Goal 4	
Cross ventilation / windows open fully / blinds closed - add to all areas	Review: Spring 2026			

WATER

Catholic Life and Mission (CLM1.4): Pupils take a leading role in responding to the demands of Catholic Social Teaching and are pro-active in finding ways of responding, locally, nationally and globally to issues surrounding water conservation. They can clearly articulate the theology underpinning their actions to care for our common home, locally through turning off taps and collecting rainwater for our gardens through to global action for all God's children, such as supporting our adaptation and resilience measures.

ACTION	TIMEFRAME	STAKEHOLDERS	SIP/DIOCESAN LINK	NOTES/TRACKER
Water butt in forest school for watering gardens	Start: Summer 2025	All staff, pupils, governing body	Diocesan Goal 4	Greener Governance campaign National Governance Association
Taps - controlled flow / toilets with half flush settings	Review: Spring 2026			

3. Biodiversity and Green Infrastructure

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

NATURE

Catholic Life and Mission (CLM1.4): Through our care for the natural world, our pupils take a leading role in responding to the demands of Catholic Social Teaching and are pro-active in finding ways of responding, locally, nationally and globally. They can clearly articulate the theology

underpinning their actions such as protecting God's world and caring for its inhabitants. They carry out this mission through wildflower seeding, tree planting and tending our gardens.

Catholic Schools Inspectorate (CSI pp.40-41): "Inspectors will most likely draw upon some or all of the following evidence sources in making judgements about how effective the school is in providing for the Catholic life and mission of the school... evidence of school commitment to the environment and care for our common home, e.g. wildlife gardens or Laudato Si' prayer gardens."

ACTION	TIMEFRAME	STAKEHOLDERS	SIP/DIOCESAN LINK	NOTES/TRACKER
Eco club / Gardening club	Start: Summer 2025	All staff, pupils, governing body	Diocesan Goal 11 & 23	STEM / Diggle Lane Allotment
Create outdoor learning space - biodiversity	Review: Spring 2026			Register - National Trust
Prayer Garden				

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

CULTURE

Laudato Si: "There is a nobility in the duty to care for creation through little daily actions, and it is wonderful how education can bring about real changes in lifestyle. Education in environmental responsibility can encourage ways of acting which directly and significantly affect the world around us, such as cooking only what can reasonably be consumed and showing care for other living beings."

ACTION	TIMEFRAME	STAKEHOLDERS	SIP/DIOCESAN LINK	NOTES/TRACKER
Appoint a Sustainability Lead	Start: Summer 2025	B Smethurst, J Davies, J Sly, S Scully, J Ensor, SLT, all staff	Diocesan Goal 32	Sustainability goals
Appoint a working party	Review: Spring 2026			Provide CPD opportunities for staff on sustainability
Stewardship / Catholic Social teaching				

CURRICULUM

Laudato Si: "There is a nobility in the duty to care for creation through little daily actions, and it is wonderful how education can bring about real changes in lifestyle. Education in environmental responsibility can encourage ways of acting which directly and significantly affect the world around us, such as cooking only what can reasonably be consumed and showing care for other living beings."

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Outdoor learning opportunities for all pupils - curriculum links eg Science	Start: Summer 2025 Review: Spring 2026	L Shaw, J Shine, SLT, Staff, Pupils	Diocesan Goal 25	Curriculum for a Changing Climate Opportunities for learning outside the classroom.
Forest school				

GREEN SKILLS AND CAREERS

Laudato Si: “There is a nobility in the duty to care for creation through little daily actions, and it is wonderful how education can bring about real changes in lifestyle. Education in environmental responsibility can encourage ways of acting which directly and significantly affect the world around us, such as cooking only what can reasonably be consumed and showing care for other living beings.”

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Focused events - whole school planting seed appeal	Start: Summer 2025 Review: Spring 2026	L Shaw, J Shine, SLT, Staff, Pupils	Diocesan Goal 17	Assessed Climate Ambassadors Scheme Climate Ambassadors: Turning Climate Ambition into Climate Action in Education Climate Ambassadors
Allotment / RHS / Farm to Fork / Beat the Street				Provide opportunities within & outside for all students to take leadership on sustainability. Work alongside community groups - workshops and events.