Climate Action Plan
Red Hill CE Primary School

1 year plan Autumn 2025 – 2026

Carbon baseline: TBC tCo2e **Calculation:** Date

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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:** **Review:**		Signed up	
Calculate your school's carbon footprint using Count Your Carbon ★ This free digital tool allows you to calculate the carbon footprint for your educational setting.	**Start:** **Review:**			
Sign up to the Sustainability Support for Education **Sustainability Support for Education** A DfE-funded project that enables education settings to start or progress on their sustainability journey. This includes all types of settings from Early Years to Higher Education, offering suggested actions paired with quality-assured resources. You can filter these to show suggestions relevant to your setting based on your teaching age, priorities, how far you've progressed already, estate, and more.	**Start:** **Review:**			

1. Decarbonisation and Energy Efficiency

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

ENERGY – Electricity				
ACTION	**TIMEFRAME**	**STAKEHOLDERS**	**NOTES**	**TRACKER**
Incentivise students to address energy usage eg Pupil Energy Monitors 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.	**Start:** **Review:**		Energy information for gas and electric is managed through West Mercia Energy. As we have a AMR meter readings are taken for both; every 30 minutes. Eco Committee being introduced from Autumn 2025. Deadline for sign up is 19.09.25.	
Take part in a switch off campaign The Pod Switch Off Fortnight 2025 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).	**Start:** **Review:**		An eco-committee will be set up who will be responsible for switch it off campaigns. Students are taking part and supporting clean air day on 19.06.25 A large amount of the school lighting is switched on and off using PIR's so lighting is not left on for an unnecessary amount of time.	
Monitor energy use on a regular basis through platforms such as Energy Sparks Sign up to Energy Sparks. This online energy-monitoring platform enables schools to visualise their energy usage. Energy Sparks provides student-friendly dashboards and a competitive element between signed-up schools to reduce their consumption and thus make great savings.	**Start:** **Review:**		We have a full visual of our gas and electric data / consumption through West Mercia Energy. We also have feed in tariff information from our solar panels (EON) as actual readings are taken each quarter. Heat maps, and consumption times are easily accessible. ACTION – GAS data is currently not available (as at 11.06.25) and this has been requested from WME to be added.	
Install LED lighting Replace any remaining older lighting fixtures with LEDs and install motion sensors in any high traffic areas. The DfE suggests LED installation can reduce energy consumption from lighting by over 84%.	**Start:** **Review:**		The 2018 build is already fully LED. In the older part of school there is a phased approach to moving to LED lighting. So far 2 tranches to move to LED have taken place. The first tranch replaced faulty lights with LEDS around the older part of school (Summer 2024). During Easter holidays 2025, the school hall was partly transferred to LED.	

			Phase 3 will involve the remainder of the school Hall moving to LED and phase 4, the remainder of the older build.	
Investigate the potential for solar panels Investigate solar providers: aim to compare quotes from at least 3 different providers to check you are getting value for money and pricing that works well for you. Providers we recommend checking with: Solar for Schools & Eden Sustainable. (Note: There is a Let's Go Guide for this action)	**Start:** **Review:**		The school already has 3 sets of solar panels installed so our available roof space for solar panels is already in place. The two older sets are registered on a Feed In Tariff with EON which provide the school with an income. The newer set reduces our electricity bill and this was checked by WME in June 2025 and it can be seen that this set of panels are working as they should. Since 2024 the solar panels form part of the EPC which has improved drastically since 2023.	

ENERGY – fuel use				
ACTION	**TIMEFRAME**	**STAKEHOLDERS**	**NOTES**	**TRACKER**
Ensure your BMS/BEMS has efficient timings and temperatures set for the school day e.g. 6am-1pm at 18 degrees in classrooms Reducing the temperature in a building by 1ºC can save 5% to 10% of your annual heating bill. There is more specific advice in the DfE's energy efficiency guidance around ideal temperatures in different areas of the school.	**Start:** **Review:**		We have full control of our BEMS system. We only heat the zones required and have good communication with the team to ensure the timings are accurate at school. We also have seasonal programmes in place. Lots of money was spent on the BEMS system in 2024 as the readers in school did not correlate the the BEMS system at WCC. This resulted in waste gas being used and the heating system activated too early in the mornings. The WME portal shows a decrease in gas use since this piece of work has been undertaken and we now only burn what we use.	
Instruct all staff to follow heating efficiency practices eg turn heating down vs opening windows Give staff clear instructions on how to manage heating in their classrooms, e.g. ensure all teachers know where TRVs are or how to control their classroom thermostat, when to open windows and how to be proactive rather than reactive to overheating issues.	**Start:** **Review:**		Each room in the new build has a thermostat. The BEMS system can override this so senior leaders still have control. A disparity of new vs old build in winter months can mean some rooms are too hot and others too cold however the cost benefit of another boiler house to remedy this. The school is extremely well insulated being an eco build with air handling units to ensure a good supply of fresh air. ACTION – solar panels which run extraction fans in toilets to be investigated and mended.	
Double glaze all windows where possible Replace any single glazed windows with double glazing or add secondary glazing to enhance energy efficiency, save money, reduce external noise and create a more accessible learning environment.	**Start:** **Review:**		The school is fully double glazed.	

TRANSPORT

ACTION	TIMEFRAME	STAKEHOLDERS	NOTES	TRACKER
Conduct a staff and student travel survey Carry out a travel survey to get an understanding of student and staff travel. This can be done as a simple 'hands up' survey in a form time session. You can do this using the CYC tool as a guide, or other resources from Sustrans or other active travel organisations.	**Start:** **Review:**		ACTION - Travel survey to be compiled using a Microsoft Form Bike Bus operational for Students on a Friday – posters displayed Assemblies in place for Bike Bus to encourage use on a regular basis Clean air day being promoted 19.06.25	
Promote walking/cycling/public transport to school/ Park & Stride Communicate to the wider school community the benefits of active travel.	**Start:** **Review:**		Bike Bus operational for Students on a Friday. Worcester City Beryl bus scheme has a bay outside the Tesco entrance / exit to school.	
Monitor air quality around school Sign up for Asthma and Lung's Clean Air Champions for a free air quality monitor and access to a range of resources linked to the curriculum.	**Start:** **Review:**		ACTION – Air quality monitor to be sourced and eco-committee will use this as a tool to monitor and report back air quality.	
Install EV charging points Install EV charging points in your car park for staff or parents and charge for usage.	**Start:** **Review:**		This is on the longer term agenda. The National Grid visited school in early 2025 to look at the main electrical feed to school into school as we are currently “overpaying for our supply”. The cost to downgrade the supply is approximately £4,000 and it was advised to leave the supply as is as it is EV charging point ready so will make the installation of these far more cost effective when the time comes. The staff travel survey will identify types of cars brought to school, however, it is currently not an issue for the current make up of cars on site.	

FOOD				
ACTION	**TIMEFRAME**	**STAKEHOLDERS**	**NOTES**	**TRACKER**
Offer a vegan / vegetarian option every day Increase your vegan and vegetarian offers, whether this includes more hot meal options or addressing your sandwich or jacket potato offerings to begin to shift away from meat fillings.	**Start:** **Review:**		This is currently in place. 2 out of 3 options every day can be vegetarian.	
Increase meat-free offer on multiple days or number of meat-free options Increase your vegan and vegetarian offers, whether this includes more hot meal options or addressing your sandwich or jacket potato offerings to begin to shift away from meat fillings.	**Start:** **Review:**		School council meet with Black Pepper lunches 2 to 3 times a year. They promote and decide on a I want it my way day. Early Adopter breakfast club for all children in school – primarily vegetarian friendly.	
Arrange a menu consultation through external organisation, e.g. ProVeg Consider where and how plant-based meals are displayed on menus to reduce bias against these options, e.g. by making the vegetarian offer the default or first in the list, and the meat-option as the alternative. Send off your menu to ProVeg for a menu consultation and advice on improving the planet friendly options.	**Start:** **Review:**		ACTION – SBM to meet with Black Pepper to request a menu analysis. SBM met with Black Pepper on 17.06.25 and discussed the old"safron analysis". Menu analysis is not cheap – can be thousands of pounds. Daniel to send menu to Pro Veg on 17.06.25 for analysis.	
Look at ways to reduce food wastage				

UNIFORMS				
ACTION	**TIMEFRAME**	**STAKEHOLDERS**	**NOTES**	**TRACKER**
Reuse school uniform through a uniform exchange Set a target of reusing a specific number of uniform items each year through your Uniform Exchange	**Start:** **Review:**	**Ongoing**	Full school uniform exchange currently in place and run by school / PTA. Second hand uniform clothes rail features at all school events A small donation is requested.	
Reuse PE Kit through a uniform exchange Set a target of reusing a specific number of PE items each year through your Uniform Exchange	**Start:** **Review:**	**Ongoing**	Clothes recycling bank available for the whole school community in the school car park.	
Incentivise donations to the uniform exchange This requires communication to the wider school community and putting systems in place to get uniform from school leavers.	**Start:** **Review:**	**Ongoing**	The amount of branded unfirm has significantly reduced to more cost effective options for Parents which includes PE kits.	
Incentivise acquiring uniform through the uniform exchange This is a scheme where families can exchange good-condition school uniforms/equipment, that would otherwise end up in landfill or unused.	**Start:** **Review:**	**Ongoing**	Numerous non unfirm days act as fundraising opportunities for school as well as raising awareness for a topic or charity we wish to support. See photos from Summer Fete 2025 below	

Supporting Documentation Evidence

Display energy certificate (DEC)

HM Government

Worcester Schools
Red Hill C Of E Primary School
Midhurst Close
WORCESTER
WR5 2HX

Operational rating

D

Certificate number:	2012-1597-8255-2408-6625
Valid until:	28 February 2026
Total useful floor area:	1,789.89 square metres

Energy performance operational rating

The building's energy performance operational rating is based on its carbon dioxide (CO2) emissions for the last year.

It is given a score and an operational rating on a scale from A (lowest emissions) to G (highest emissions).

The typical score for a public building is 100. This typical score gives an operational rating of D.

Previous operational ratings

Date	Operational rating
March 2025	78 D
April 2024	67 C
April 2023	79 D

Total carbon dioxide (CO2) emissions

This tells you how much carbon dioxide the building emits. It shows tonnes per year of CO2.

Date	Electricity	Heating	Renewables
March 2025	38	33	9
April 2024	29	31	0
April 2023	34	36	0

Assessment details

Assessor's name	Benjamin Burnett
Employer/Trading name	NRG Assessments Ltd
Employer/Trading address	Hill House, Hillwood Road, Four Oaks, Birmingham, B75 5QN
Assessor's declaration	Not related to the occupier.
Accreditation scheme	Sterling Accreditation Ltd
Issue date	26 March 2025
Nominated date	1 March 2025

Display energy certificate (DEC)

HM Government

Worcester Schools
Red Hill C Of E Primary School
Midhurst Close
WORCESTER
WR5 2HX

Operational rating
C

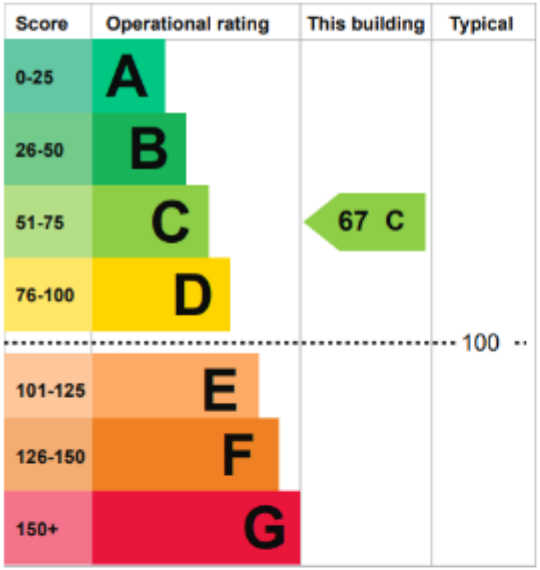
Certificate number:	0626-2725-0813-9102-6423
Valid until:	31 March 2025
Total useful floor area:	1,789.89 square metres

Energy performance operational rating

The building's energy performance operational rating is based on its carbon dioxide (CO2) emissions for the last year.

It is given a score and an operational rating on a scale from A (lowest emissions) to G (highest emissions).

The typical score for a public building is 100. This typical score gives an operational rating of D.



This building's energy use

Energy use	Electricity	Other fuels
Annual energy use (kWh/m2/year)	29.56	89.50
Typical energy use (kWh/m2/year)	40	145.26

Previous operational ratings

Date	Operational rating
April 2024	67 C
April 2023	79 D
April 2022	84 D

Total carbon dioxide (CO2) emissions

This tells you how much carbon dioxide the building emits. It shows tonnes per year of CO2.

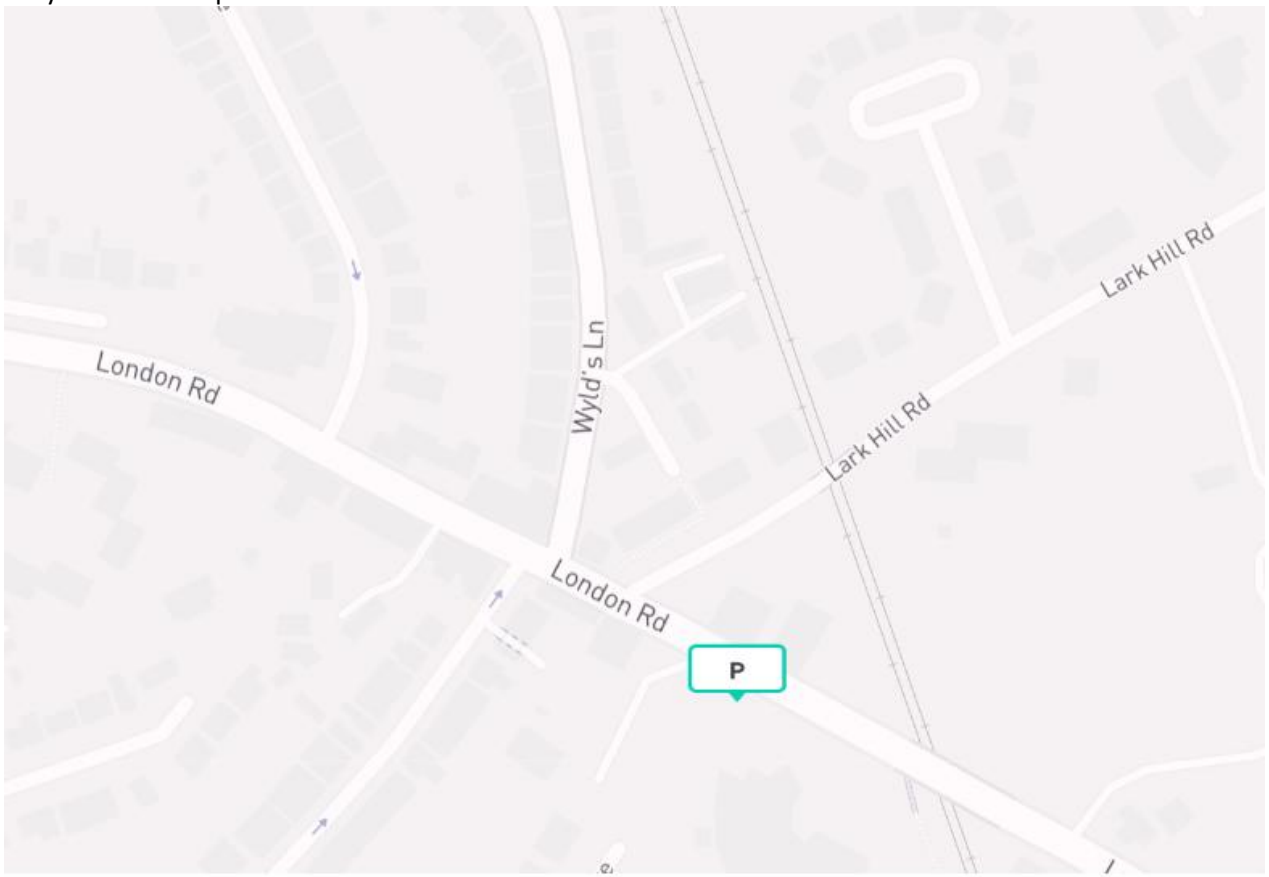
Date	Electricity	Heating	Renewables
April 2024	29	31	0
April 2023	34	36	0
April 2022	44	34	0

Assessment details

Assessor's name	Benjamin Burnett
Employer/Trading name	NRG Assessments Ltd
Employer/Trading address	Hill House, Hillwood Road, Four Oaks, Birmingham, B75 5QN
Assessor's declaration	Not related to the occupier.
Accreditation scheme	Sterling Accreditation Ltd

Red Hill Bike Bus

Beryl Bike Bus stop outside school -



Summer Fete 2025 2nd hand uniform sale


3-4
5-6
Age 5-6
Age 6-7
Age 7-8