



Sept 2024

Key Aims:

- To deliver the key elements of the Department for education policy on climate change and sustainability.
- To ensure adequate consideration is given to energy conservation for the whole building's lifespan.
- To monitor and record energy and utility bills to support sustainability and energy reductions.
- To plan for future needs of energy conservation against rising costs.
- To ensure a whole school approach is adopted to energy conservation, linking campus and curriculum.
- To ensure that the governing body adheres to all relevant legislation and the governance terms of policy set out by the Department for education.

1. Heating Policy

1.1 We will set heating systems to desired inside temperature and set this based on the school's occupancy times. Normal classrooms, between 18- 19°C. In areas where there is a lower than normal level of activity or higher than normal the appropriate temperatures are 21°C and 15°C respectively.

1.2 After school activities or lettings should start immediately after normal occupation when the building is still warm. Lettings where possible will be in one zone so avoiding heating the entire site.

1.3 Optimum start is the automatic heating sensor system which calculates how much lead in time is needed for the school to meet a set temperature at a certain time. This will always be set correctly to ensure there is no overheating of buildings prior to the start of the school day.

1.4 We will ensure doors and windows are closed when not in use.

1.5 Portable heaters or fans will not be permitted to heat individual areas.

1.6 School heating times and optimum start should be tested and reduced to allow school to be up to heat by 90% upon school opening time and closed down around 2 PM to reduce slowly into the evening.

2. Electrical Policy

2.1 We will switch it off unless it needs to be on.

2.2 We will use natural light and turn banks of lights on in stages i.e. top up natural light first.

2.3 We will use teams of students to switch off items at break and lunchtime

2.4 We will commence a shut down procedure to turn off all electrical items including fridges, point of use water heaters and lap top charging trolleys over holiday periods.

2.5 We will use timer plugs and shut down procedures for electrical items which may not require use over weekends.

3. Energy Information

3.1 We will use 'SystemsLink' to share our energy data with the local authority, reporting Energy consumption for the Carbon Reduction Commitment and for Display Energy Certificates.

3.2 Electricity and gas will be read monthly and closely monitored against expected usage. Abnormal consumption will be investigated and corrective action taken. Automatic meter reading will be used where appropriate.

4. Energy Planning

4.1 We will consult our DEC Advisory report for future energy projects and consider its recommendations on the governor's premises committee.

4.2 We will consider insulation first including lofts, boiler rooms, windows and walls

4.3 Energy efficiency will be taken into account at the design of new building projects and any refurbishment.

4.4 Energy efficiency will be considered in the purchase of all new equipment, e.g. computers, catering equipment, taking into account the real costs i.e. running costs as well as capital costs.

4.5 We will work with the NYC energy team to look at the projects completed in other schools and possible funding streams.

5. Awareness

5.1 The school will adopt a Whole School Approach involving all associated with the school in sustainable actions and learning.

5.2 Regular awareness initiatives for staff and pupils will emphasise the cost and environmental benefits of saving energy and water and how to avoid waste.

5.3 Energy saving information will be provided to catering and cleaning staff.

5.4 Staff and pupils will also be provided with information on how to save energy at home.

5.5 Eco teams will be appointed with a lead role in the eco-school scheme. www.eco-schools.org and a member of staff appointed as sustainability lead.

5.6 The school will liaise with the schools carbon reduction officers to assist where required.

6. Curriculum

6.1 The Curriculum plans will be reviewed annually using literature from Eco schools to ensure that the sustainability element is built into syllabi at appropriate levels.

6.2 The school will engage with and follow the relevant areas of the eco schools programme.

7. Reporting

7.1 An annual energy performance report will be prepared by the Energy Action Team. This will be submitted to the Board of Governors and a summary will be incorporated into the school annual report and school development plan.

The school endorses this policy and is committed to its implementation.