



**HORNSBY HOUSE  
SCHOOL**

# **Environmental and Sustainability Policy**

## **INTRODUCTION**

## **OBJECTIVES**

## **REDUCE, REUSE, RECYCLE**

### **Energy and Water**

### **Waste**

### **Food and drink**

## **TRAVEL AND TRAFFIC**

## **BUILDINGS**

## **PROCUREMENT**

## **CURRICULUM**

## **POLICY GUIDANCE**

## **MONITORING AND REVIEWING**



# Environmental and Sustainability Policy

## INTRODUCTION

Hornsby House is generally open from 07.00 to 18.00 during term time, is housed in an amalgamation of buildings and extensions. The original school building was built circa 1905. Since 1997, the School has undertaken several projects to extend and regenerate the site. The major projects completed to date are as follows:

### **1997 - Single-storey extension to Main Building**

This project reinstated a bomb-damaged corner of the Main Building to the original design using matching materials and details.

### **2000 - Nightingale Building**

A new building situated along the eastern boundary of the site providing classrooms and a staff room.

### **2003 - Mavis Gotto Building**

An existing building was demolished to enable this new building to be built facing Ravenslea Road, providing classrooms, administration, music rooms and a library.

### **2010 - Lime Tree Building**

A new building providing a dining room and kitchen tucked below the playground and three classrooms at ground floor level.

### **2020 - Mavis Gotto Extension**

Creation of a new entrance, school office, reception, medical room, waiting area, universal access lift and stair to a basement classroom and the relocated plantroom.

The older buildings are constructed of single-skin brick work, with high ceilings and single-glazing, which are difficult to heat in winter and maintain an ambient temperature in the summer. The level of roof space insulation is unknown but assumed to be much less than the current standard recommendation. The new buildings have been built with environmental considerations and sustainability at the forefront of their design.

Hornsby House recognise that environmental responsibility is an important aspect of running a successful long-term business and the commitment to sustainability is fundamental to our educational ethos.

We recognise that schools can have both positive and negative impacts on the environment. Whilst our impacts are less significant than those in other sectors, Hornsby House is committed to a policy of continual improvement in identifying, understanding, monitoring and reducing our carbon footprint, preventing pollution and identifying and complying with environmental legislation. Our environmental and sustainability policy and strategy for environmental management will be regularly reviewed and amended according to the changing nature of our operations.



## OBJECTIVES

We understand the following objectives to be the key focus areas through which to manage and improve environmental impacts:

### REDUCE, REUSE, RECYCLE

The school's carbon footprint can be reduced through measures such as energy management, smart metres improvements in efficiency and use of alternative technologies

#### Energy and Water

Lighting and heating are managed within each of the buildings. We try to ensure that best practice energy management procedures are introduced and maintained. The following measures/initiatives have been implemented or are currently being explored:

- Since 2017 Hornsby House has sourced 100% of its electricity supply from renewable sources.
- Rolling programme to replace our lighting. We have upgraded approximately 70% of our lighting to LED. This is on-going and we aim to have LED lighting throughout the School within 2 years.
- School Buildings are currently heated by gas boilers. Typically heating accounts for 60-80% of total school CO2 emissions. We recognise the need to switch away from fossil fuels and consider alternative heating sources (Air Source Heat Pumps) when current boilers require replacing .
- Motion sensor light switches ensure lights are not left on in unoccupied rooms.
- Sensor taps have been installed in washrooms to reduce water waste.
- Investigate upgrading the fabric of the Main School and Little School building with improved insulation in the roof, external walls and floors and double glazed windows.
- In February 2022 the School installed a 25kW solar PV system on the roof of the Nightingale Building and will consider further installations of solar PV on the roofs of the other buildings that have a suitable orientation
- The expectation that staff will switch off their screens and either switch off or set their computers to sleep mode prior to leaving school.

#### Waste

The school is working towards moving away from single use resources to applying Reduce, Re-use, Recycle waste hierarchy to our operations. We have implemented some processes in efforts to move our business towards paperless operations:

- The introduction of "follow me printing" and encouraging staff to use the print preview function.
- Emailing termly fee invoices to parents.
- Online booking for extracurricular clubs.
- Electronic pupil reports.

Other waste management initiatives include:

- Food waste is collected by one of the only Anaerobic Digestion sites in the UK. The energy produced from recycling food waste is used to provide bio-gas directly into the National Grid or a nutrient rich fertiliser, called Digestate.



- Every classroom has a recycling bag for mixed paper, card, glass bottles and jars, cans, food/drinks cartons and plastic bottles, pots tubs and trays.

### **Food and drink**

We work with our caterers CH & Co who are committed to protecting the environment through their “Planet” programme: <https://www.chandcogroup.com/CHCO/media/CHCO/01-Energy-and-Environmental-Policy-Version-1-02-09-2020.pdf>

- There are numerous water fountains on site and all pupils use refillable water bottles.
- Any surplus food is collected by City Harvest and distributed to organisations that feed the hungry across London.

### **TRAVEL AND TRAFFIC**

The School’s travel plan encourages walking, cycling and other sustainable modes of transport for travelling to and from school. We have bicycle and scooter storage facilities. We organise scooter training for younger pupils. Employees who wish to cycle to work are supported via the cycle to work scheme, a tax efficient salary sacrifice scheme and all employees have access to an electric car scheme.

### **BUILDINGS**

The original school buildings were not built with sustainability at the forefront of their design. However, this is an area that the School is actively addressing as we plan for the future. The proposed extension to the Main School will enable the refurbishment of the existing structure and incorporate improvements to reduce energy use and carbon emissions.

### **PROCUREMENT**

We use appropriate guidance where applicable to develop a sustainable procurement framework for our business. We aim to ensure that any products, services and materials we purchase are as sustainable as practical. As an organisation we will aim to find alternatives to single use resources made in Asia, purchased via Amazon and will regularly review progress in this area.

### **CURRICULUM**

As a School, we participate in many activities which raise awareness of environmental issues. The Eco Committee meets weekly and is led by Ms Rowenna Maddox. In September 2022 we introduced the Forest School initiative in the Lower School.. Through weekly visits to Wandsworth Common, every child in Reception and Year 1 will learn about the environment. Children in Year 2 are offered an optional weekly after school club, based at Wandsworth Common.

### **POLICY GUIDANCE**

This policy should be read in conjunction with the School Travel Plan.



## **MONITORING AND REVIEWING**

This Environmental and Sustainability Policy forms part of the School Development Plan and will be reviewed annually by the Senior Management Team, the School Council, the Eco-Committee and the Governors. Use of resources such as the Schools Action Climate Action Planner will assist pupils and staff to identify actions they can take to reduce our environmental impact and help everyone in the school monitor progress towards the objective of reducing our carbon footprint.