



# SURBITON

HIGH SCHOOL

## Green Policy

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## Surbiton High School

### Ethos

- We are a vibrant learning community, which **inspires** every child to discover and embrace their individuality, to grow in their intellectual curiosity, and to enjoy their independence
- We acknowledge that there is no such thing as a typical Surbiton High School pupil and that impressive academic results are just one aspect in our rich tapestry of educational provision; therefore, we **encourage** every child to grow in compassion, respect and an outward looking attitude, living out the School's motto: *Amor nos semper ducat (May love always lead us)*
- We **empower** every child to thrive, developing social and emotional intelligence to become rounded and grounded in their character, demonstrating kindness and service to others

### Aims

- Surbiton High School aims to **inspire, encourage and empower** our young people to discover and liberate the very best of themselves, exceeding their potential in an intellectually rigorous and challenging academic environment, balanced with outstanding pastoral care and support

We achieve these aims through our *Charter for Happiness and Well-being*. Our children:

- are **inspired** to deploy their highest strengths to tackle all situations, developing a growth mind-set and a can-do attitude, equipped with the tools to maximise their positive emotions
- are **encouraged** to find their niche, to be fully engaged in educational activities and to meet the highest challenges that come their way
- are coached and **encouraged** to develop strong relationships, to be empathetic and responsive to the needs of themselves and others
- are **empowered** to lead a meaningful life, to be able to understand what their goals are and to know what they are striving for
- are **empowered** to draw strength from celebrating their accomplishments, in order to tackle new challenges

We achieve these aims through our inculcation of *Learning Habits*. Our children:

- are **inspired** in their thinking, to ask questions, to make connections, to imagine possibilities, to reason methodically and to capitalise on their resources
- are **encouraged** to be emotionally invested in their learning, persevering in the face of difficulties, noticing subtle differences and patterns, managing their distractions, and becoming absorbed in their learning
- are **empowered** to be fully involved in their learning, growing in interdependence, collaborating effectively, listening empathetically to others, and imitating their learning habits
- are **inspired, encouraged and empowered** to be productive, planning their learning in advance, revising and reviewing their progress, distilling important information, and developing their own meta-learning



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## United Learning and the United Church Schools' Trust

Surbiton High School is part of *United Learning* and the *United Church Schools' Trust*. The School has an Anglican foundation, valuing its Christian heritage whilst welcoming staff and children from all faiths and none. We share with United Learning its core mission statement "to bring out the best in everyone". We are committed to the aims of United Learning, including its *Framework for Excellence*, which can be found at: [www.unitedlearning.org.uk](http://www.unitedlearning.org.uk)

## Policy Statement

The role of the School is to prepare our young people with diverse backgrounds and strengths, for a life of learning, leadership and personal growth. The Green Policy seeks to support the development of our students by ensuring that Surbiton High School meets its environmental responsibilities and demonstrates understanding and action to reduce any negative environmental impact.

## Aims

- To shape Surbiton High School as an organisation recognised for its excellent environmental awareness.
- To produce a sustainable School for the future, to provide learning opportunities, both formal and informal to maximise the sustainability literacy of the students, staff, parental body, and wider community.
- To ensure that the School's carbon footprint is fully or partially offset and to investigate the implementation of a carbon management programme.

Strategic Aims:

- Environmental Impact of Buildings and Management of Grounds
- Teaching and Learning
- Carbon Offsetting

From these aims, where possible, measurable objectives and targets will be established covering a rolling 3–5-year period. The Green Co-ordinator will work in conjunction with the Facilities Manager and the Financial Administrator as well as Heads of Year to achieve these aims.

## Objectives

To measure the environmental impact of a range of activities in order to establish where improvements can be achieved.



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This will be achieved by investigating the following:

- Carbon management and offset
- Waste Management
- Green Impact Assessment for trip and visits
- Sustainable Travel
- Water Management
- Biodiversity management at Hinchley Wood and Oaken Lane
- Sustainable Purchasing
- Any renovation, construction or maintenance assessed for green design possibilities
- Social responsibility and communication to wider community

## **Carbon Management and Offset**

**Aim:** To reduce the energy consumption to lower the carbon footprint and investigate methods to offset remaining consumption levels.

- From October 2020, United Learning moved all Schools onto a 100% green energy tariff and here the electrical energy supplied to the School comes from Bryt Energy. However, due to the age and structure of the building it is fair to assume that a large proportion of the energy usage is 'wasted'. This therefore is a key area for improvement and a focus to ensure all windows and doorways are reducing energy loss, not increasing it.
- Investigate any immediate impacts that could be made by making savings using tried and tested energy-saving technology such as LED lightbulbs to offset any additional carbon usage
- Procurement and installation of plants and greenery for the quad spaces in School. These not only offset the carbon that we produce but also work to clean the air for the students. Working with the Green Fingers Club at the Senior School as well as willing volunteers at the Girls' and Boys' Prep to increase the number of plants and trees.
- To work with the Facilities team to increase the biodiversity of plants in our wooded area at Hinchley Wood and Oaken Lane

## **Waste Management**

**Aim:** To ensure the legal disposal of waste whilst attempting to reduce overall waste by reusing and recycling materials where possible. Increasing the level of recycling on site by re-installation of recycle bins, as well as increasing the volume and type of waste being recycled on site. Currently, on average we produce around 64,728 Kg of non-recycled waste per annum and 60,066kg recycled waste.

- To increase the level of recycling taking place we have to ensure that the students are informed and supported to make good decisions regarding litter, to ensure there are appropriately labelled recycling bins available and to review the waste produced by the canteen.
- To aim for a 5% decrease in waste figures per annum from 2021/22



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- Review possibility of food waste reduction method – by including installation of a waste master style machine – any compost produced could then be reused by Green Fingers/Facilities team.

## Green Impact Assessment for trips and visits.

Aim: To ensure that staff are aware of the potential environmental impacts of their trip so that they ensure other sustainable plans are fully investigated to reduce adverse impacts.

- This requires a staff buy-in, which in itself poses some problems due to time-pressure and ensuring workload is not added to negatively
- To support staff through a G.I.A that should be read as part of the risk assessment
- For staff planning trips to investigate alternative methods of travel such as public transport

## Sustainable Travel

Aim: To provide as many alternatives to single occupancy vehicle use as possible through improvements to infrastructures for cycling, walking, car sharing and using public transport. To relieve pressure on existing car parking space.

- To review the level of SOV of both the staff and sixth form students to calculate carbon-footprint
- To increase numbers of staff and students cycling or walking to work by
  - Increasing lockable cycle storage space
  - Ensuring staff and students have locker facilities to store clothing if cycling
  - Encourage staff and students to walk or use public transport
  - To investigate a rota-based parking system based on need
  - To maximise the adoption of lower carbon fuels in School vehicles.

## Water Management

Aim: High levels of water are wasted every day due to taps left running and slow leaks from fixtures and fittings. Savings are achievable if water-saving devices (push taps, leak detection) are in place throughout the School sites.

To ensure the reduction of water it is imperative to:

- Educate the students on methods to reduce waste water
- Ensure all taps, toilets, showers are regularly inspected to reduce the potential of leaks
- Set targets for reduction over a fixed time period to review



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## **Biodiversity Management at Hinchley Wood and Oaken Lane**

Aim: Improving the biodiversity of trees and plants in our natural sites at Hinchley Wood and Oaken Lane to increase and protect the diversity of habitats available and to enrich the woodland biodiversity. In doing so, there is a potential that we will be able to offset some of our carbon production

- Installation of bug hotels, bird and bat boxes
- Collaborating with the Woodland Trust to obtain trees that would enhance the area and have a positive impact on habitat diversity and eradicate invasive non-native species to allow for better growth and development of existing plant species
- To set up a more comprehensive and environmentally positive area for the prep 'Forest Schools'

## **Sustainable Purchasing**

Aim: To ensure that Surbiton High School is committing money in as environmentally and socially responsible manner as possible whilst also supporting ethical investment. To investigate opportunities to purchase recycled supplies or from eco-aware suppliers

- Paper and card for reprographics – that is of a high enough quality to be used in the printers.
- Discuss with Marketing team movement to interactive prospectus and Surbiton 'magazine'
- Investigate alternatives to the 'duck'
- Ensure any events or celebrations have investigated the possibility of using eco-aware suppliers.

## **Green Design Possibilities**

Aim: To move Surbiton High in line with competitors who have already embraced 'Green Energy' To investigate methods of producing green energy from our School sites to utilise on site or to sell back to the national grid.

- Solar Panels/ Solar Awning on site
- Possibility for reusable energy resources to be installed at Hinchley Wood/Oaken Lane
- Potential re-build at Hinchley Wood to consider installing solar panels
- Offsetting carbon production by improving 'Green areas' around the some – planters etc.

## **Social Responsibility and Wider Community**

Aim: To educate students about their impact on the environment to ensure they are making positive choices to recycle, reduce and reuse. To reach out the local primary schools to utilise the forest area at Hinchley Wood once re-invigorated.

- Produce PSHE resources to challenge opinions and raise awareness
- To encourage reduction of single-use plastic brought on-site
- To engage PA to promote the ethos of movement to becoming more Eco-aware



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- Apply for grants via council funding to improve forest area so that local primary schools are able to utilise forest area effectively

## Document Information

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