



Prince Henry's Grammar School
COLLABORATIVE LEARNING TRUST



Environmental Sustainability Strategy Plan 2021-2024

Updated
January 2023



Our Environmental Sustainability Strategy Group brings together those members of staff who are best placed to implement positive change to our policies and practices across the school.



Environmental Sustainability Strategy Group

- Chris Lillington (*Assistant Headteacher: Learning Community*)
- Kieren Armitage (*Senior IT Technician*)
- Richard Blackmore-Holmes (*CLT Estates Manager*)
- Emma Dayes (*Student Eco-committee Lead Teacher*)
- Jon Kilmartin (*Executive Officer: Site, Health & Safety*)
- Pippa McPherson (*Admin Manager: Community Engagement*)
- Kate Owen (*CLT Director of Business & Finance*)
- Andrew Rice (*Catering Manager*)

We have identified **eight key areas** of focus to ensure that all aspects of the life and work of the school make a positive contribution to reducing our carbon footprint, improving sustainability and tackling the climate emergency.

1. Biodiversity
2. Buildings & construction
3. Community engagement
4. Energy & carbon management
5. Environmental education
6. Food & catering
7. Recycling & waste management
8. Travel





Biodiversity

Enhance the biodiversity of the school site, maximise access to green spaces and contribute positively to improving the natural environment.

KPIs (2022/2023)

- Gardening Club re-launched with at least 10 students attending regularly
- Student-grown produce used as part of Henry's Diner menu
- Full Biodiversity Enhancement Plan implemented as part of 3G Pitch construction project
- Composting area established and utilised as part of routine grounds maintenance programme

- (a) To increase **student engagement** in enhancing and celebrating the biodiversity of the site
- (b) To implement a comprehensive **Biodiversity Enhancement Plan** as part of the 3G Pitch project
- (c) To explore other opportunities to exploit the **biodiversity potential** of the school site



Biodiversity

Enhance the biodiversity of the school site, maximise access to green spaces and contribute positively to improving the natural environment.





Buildings & construction

Prioritise sustainability in routine estates maintenance programmes, as well as construction and refurbishment projects.

KPIs (2022/2023)

- Robust and up to date planned preventative maintenance records
- At least one successful CIF bid to support sustainability of existing buildings
- New energy efficient building erected to replace current life-expired gym
- Updated Procurement & Tendering Policy and set of 'Sustainable Construction Principles' in place

- (a) To maximise the life cycle and efficiency of assets through effective **planned preventative maintenance** and **'end of life'** management plans
- (b) To ensure the progressive **refurbishment of existing buildings** to improve sustainability
- (c) To prioritise sustainability in the **design and procurement** process for refurbishment and new build projects





Community engagement

Maximise the impact of our actions by engaging students, staff, governors, parents/carers and members of the local community.

KPIs (2022/2023)

- At least two specific sustainability-related community partnership projects in place
- At least 40% of Year 10 students engaged in an environmental volunteering activity for Timanyane Day
- At least 10 students undertake a sustainability-related Volunteering activity as part of the DofE Award
- Active Travel Hub scheme implemented in line with planned programme

- (a) To continue to develop **strong partnerships** with community organisations committed to sustainability
- (b) To build further opportunities for **students to engage actively** in environmental sustainability projects, including through volunteering
- (c) To work with the Otley Family of Schools and other partners to implement the WYCA CityConnect Active Travel Hub scheme



Community engagement

Maximise the impact of our actions by engaging students, staff, governors, parents/carers and members of the local community.





Energy & carbon management

Reduce our consumption of electricity, gas and water as well as school-wide carbon emissions, including through increased use of sustainable energy.

KPIs (2022/2023)

- Overall reduction in energy consumption (electricity and gas)
- Improvement in Energy Performance Certificate Operational Rating (Display Energy Certificate)
- Increase in proportion of energy (kWh) produced from sustainable sources
- Reduction in overall water usage

- (a) To reduce the overall **consumption of electricity** across the site
- (b) To improve **heating / hot water efficiency** across the site
- (c) To continue to increase the proportion of **energy** produced **from sustainable sources**
- (d) To reduce **water consumption** across the site

A lightbulb with a green tree inside, symbolizing sustainable energy.

Energy & carbon management

Reduce our consumption of electricity, gas and water as well as school-wide carbon emissions, including through increased use of sustainable energy.





Environmental education

To ensure that all students develop the knowledge, skills, understanding and motivation to play an active part in tackling the climate emergency.

KPIs (2022/2023)

- Eco School Green Flag Award re-accreditation achieved with Merit
- At least two sustainability-themed lessons for all year groups delivered through the PSHE / Citizenship prog
- Full 'Sustainability Curriculum Audit' with at least two subjects strengthening coverage of sustainability issues
- Student participation in collaborative work with at least one other school

- (a) To embed environmental education within the **PSHE / Citizenship** and **assembly** programme
- (b) To embed environmental education within the **formal curriculum** across a range of subjects
- (c) To engage students in sustainability-related **research** and **leadership** activities through the **extra-curricular programme**





Food & catering

To improve the environmental impact of our catering offer, including issues such as menu choices, supply chain considerations, packaging and food waste.

KPIs (2022/2023)

- Increase in consumption of meat-free options as part of menu offer
- Sustainability considerations inform choice of suppliers / products, wherever possible
- Further reduction in use of non-recyclable containers / packaging
- Reduction in overall quantity of food waste across the whole school

- (a) To work towards providing a **more sustainable menu offer**
- (b) To continue to reduce the use of **single-use packaging** and work towards eliminating **non-recyclable items**
- (c) To reduce the amount of **food waste to landfill**



Food & catering

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Recycling & waste management

*To minimise waste by implementing a school-wide commitment to the 3 R's (**Reduce, Reuse, Recycle**).*

KPIs (2022/2023)

- Further reduction by at least 5% in paper usage across the school
- Increase in number of second-hand uniform items donated and reused
- Increase in range of materials recycled
- Increase in recycling as a proportion of overall waste
- Elimination of food waste to landfill

- (a) To minimise waste by reducing the use of resources
- (b) To minimise waste by reusing resources
- (c) To minimise the quantity of waste sent to landfill by recycling a greater proportion of all types of waste





Travel

To reduce carbon emissions by encouraging sustainable travel options for students, staff and visitors to school.

KPIs (2022/2023)

- Modeshift STARS accreditation achieved: Bronze re-accreditation (Jul 23); Silver (Dec 23)
- Reduction in the proportion of students who travel to/from the school site by car
- At least 30 students successfully complete Bikeability training
- Increase in proportion of evening site users who adopt active modes of travel to/from the school site

- (a) To engage **students** in sustainable travel through participation in the Modeshift **Active Travel Ambassadors** programme
- (b) To increase the use of sustainable travel by **parents/carers, staff and students for travel to/from school**
- (c) To implement and continue to develop the comprehensive **School Travel Plan** to reduce overall car usage by **all site users**



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