

## Knebworth School Sustainability Strategy 2024 – 2027

*Deep Roots and High Aspirations, Individual and Together, Learning and Creating in an ever-changing world.*

At Knebworth Primary and Nursery School we have **Deep Roots and High Aspirations**. We have been connected to our community for over a hundred years, teaching and preparing our children for the next stage of their educational journey. We want our children to be the best they can be. To stand out, to dream big and to lead successful, fulfilling lives.

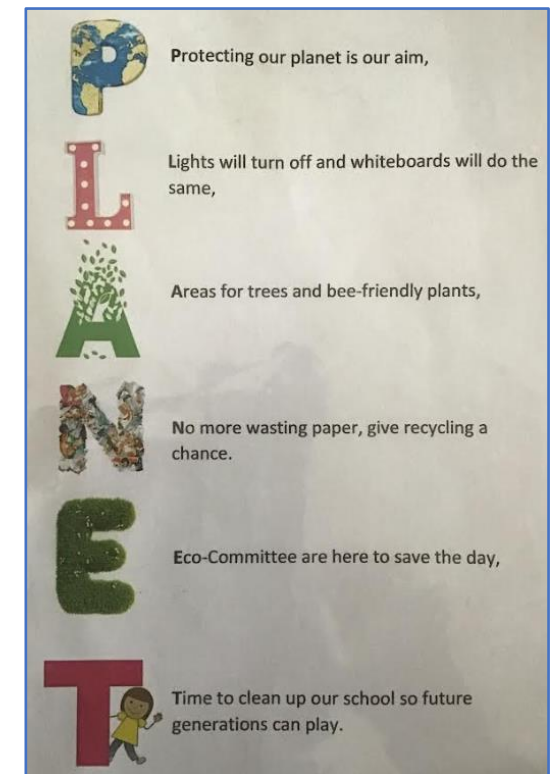
### Strategic Goal (linked to this strategy)

*Be known and recognised as a school connected to its community in every way, proactively engaging on important local issues and supporting the village as it grows and changes in the coming years and leading by example on global issues such as the environment, sustainability and diversity and inclusion, and physical and mental wellbeing.*

### Our Sustainability Vision (written by our Eco Ambassadors)

*Our vision is to actively engage students, staff and the local community in developing a sustainable local environment, which inspires and empowers us to become responsible for contributing to a sustainable future.*

Our School Eco code created by one of our pupils



## Our Aims

Knebworth School aspires to be a leader in sustainability. We want to motivate all of our students, staff and school community to follow a forward-thinking approach towards protecting our environment - for now and for future generations. Our aim is to reach carbon neutrality by 2030 and to encourage our entire school community to continue following this sustainable focus outside of our school grounds.

## Our Sustainability Strategy Plan will allow us:

- To reach carbon neutrality by 2030 by reducing our carbon footprint as much as possible.
- To bring an awareness of sustainability to the forefront of our education, not only in our taught curriculum but around school, in our extra-curricular activities and general ethos.
- To ensure our school site is as sustainable and eco-friendly as possible.

## Key Performance Indicators for 2024-2027

- Increased engagement of pupils learning more about sustainability through the curriculum and becoming actively involved in the improvement of their local environment.
- Change in staff behaviour to support reduction of energy use by at least 10%.
- Reduction of 10% in the school's greenhouse gas emissions/carbon footprint by using suppliers who can evidence sustainable practice.
- Increase recycling rates across the school by 20%.
- Participation in the The National Education Nature Park Programme.
- The school working towards obtaining the Climate Leaders Award.





# Knebworth School Climate Action Plan

Autumn 2024 - Summer 2025

## Decarbonisation and Energy Efficiency:

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

Action	Cost benefit	Ease of implementation	Timeframe	Key stakeholders	Progress Track
<p><b>Count Your Carbon, Carbon Calculator:</b> This free digital tool allows you to calculate the carbon footprint for your educational setting.</p> <p><b>Useful links</b> <a href="#">Count Your carbon</a></p>	<p><b>Input:</b> No cost</p> <p><b>Output:</b></p>	Easy	<p><b>Start date:</b> 10/9/24</p> <p><b>Review date:</b></p>	Sustainability Lead / Climate Action Advisor	Completed
<p><b>Energy</b></p> <p>1. <b>Sign up to Energy Sparks</b> and use tailored recommendations to reduce energy use.</p> <p><b>Useful links</b> <a href="#">Energy Sparks</a></p>	<p><b>Input:</b> £545</p> <p><b>Output:</b> High savings</p>	Easy	<p><b>Start date:</b></p> <p><b>Review date:</b></p>	Sustainability Lead / Site Manager	Completed



<p><b>2. Investigate low carbon boiler replacement</b> Pending available funding and feasibility.</p>	<p><b>Input:</b> High cost for full replacement</p> <p><b>Output:</b> High carbon reduction</p>	<p><b>Hard</b></p>	<p><b>Long term project</b></p> <p><b>Review date:</b></p>	<p>Sustainability Lead / Site Manager</p>	
<p><b>3. Solar hot water</b> Install solar hot water to serve kitchens.</p>	<p><b>Input:</b> High cost</p> <p><b>Output:</b> Moderate savings / carbon reduction</p>	<p><b>Hard</b></p>	<p><b>Start date:</b></p> <p><b>Review date:</b></p>	<p>Sustainability Lead / Site Manager</p>	
<p><b>4. Powerdown strategy</b> Adopt a checklist for powering down over the holidays. <a href="#">See resources</a></p>	<p><b>Input:</b> No cost</p> <p><b>Output:</b> Low savings</p>	<p><b>Easy</b></p>	<p><b>Start date:</b></p> <p><b>Review date:</b></p>	<p>Office / IT / Site Manager / Catering</p>	
<p><b>Food</b> <b>1. Grow food on site</b> Work with catering team to identify opportunities to use food grown at school.</p>	<p><b>Input:</b> No cost</p> <p><b>Output:</b> High savings</p>		<p><b>Start date:</b></p> <p><b>Review date:</b></p>	<p>Site Manager / Catering</p>	



<p><b>Transport</b>  <b>2. Modeshift Stars accreditation</b>  <a href="#">Modeshift</a></p>	<p><b>Input:</b>                  No cost</p> <p><b>Output:</b>                  Moderate carbon reduction</p>		<p><b>Start date:</b></p> <p><b>Review date:</b></p>	<p>Sustainability Lead</p>	<p>Completed</p>
<p><b>Waste</b>  <b>1. Join Plastic Free Schools</b> <a href="#">Plastic Free Schools</a></p>	<p><b>Input:</b>                  No cost</p> <p><b>Output:</b>                  Reduced waste</p>		<p><b>Start date:</b></p> <p><b>Review date:</b></p>	<p>Eco Lead</p>	
<p><b>2. Reduce paper use</b>                  Run campaign across school to monitor and reduce paper use.</p>	<p><b>Input:</b>                  No cost</p> <p><b>Output:</b>                  Low savings</p>		<p><b>Start date:</b></p> <p><b>Review date:</b></p>	<p>Sustainability Lead/SLT</p>	
<p><b>3. Restore water fountains</b></p>	<p><b>Input:</b>                  Moderate cost</p> <p><b>Output:</b>                  Low reduced plastic waste</p>		<p><b>Start date:</b></p> <p><b>Review date:</b></p>	<p>Site Manager</p>	





## Climate Adaptation and Resilience:

Taking actions to reduce the risk of flooding and overheating and to future-proof scarce resources for potential shortages

Action	Cost benefit	Ease of implementation	Timeframe	Key stakeholders	Progress Track
<p><b>1. Use natural drainage solution for flood prone area.</b> Stormwater garden, SUDS planters or similar</p>	<p><b>Input:</b> Moderate cost</p>	<p><b>Moderate</b></p>	<p><b>Start date:</b>  <b>Review date:</b></p>	<p>Site Manager</p>	
<p><b>2. Adopt heatwave protocols</b> eg <a href="#">NEU's Joint union heatwave protocol</a></p>	<p><b>Low cost</b></p>	<p><b>Easy</b></p>	<p><b>Start date:</b>  <b>Review date:</b></p>	<p>Headteacher</p>	



## Biodiversity and Green Infrastructure: Creating habitats and adopting practices that will enhance species diversity on the school estate and beyond

Action	Cost benefit	Ease of implementation	Timeframe	Key stakeholders	Progress Track
<b>Nature</b> <b>1. Start gardening club</b>	Low cost	Moderate	<b>Start date:</b> <b>Review date:</b>	Pending volunteers	
<b>2. Organise student wildlife surveys</b> E.g. <a href="#">RSPB big birdwatch</a> , activities from <a href="#">National Education Nature Park</a> .	Free	Easy	<b>Start date:</b> <b>Review date:</b>	Eco Lead	
<b>3. Start Forest School</b>	Moderate	Hard	Long term plan	Headteacher	





## Climate Education, Green Skills and Green careers:

Ensuring the education you provide gives knowledge-rich and comprehensive teaching about climate change, and that your teaching staff feel supported to offer this

Action	Cost benefit	Ease of implementation	Timeframe	Key stakeholders	Progress Track
1. <b>Conduct a curriculum audit for sustainability</b> See <a href="#">Teach the Future</a>	No cost	Moderate	Start date: Review date:	Headteacher/Eco Lead	
2. <b>Improve sustainability communications</b> Including page on website, etc	No cost	Easy	Start date: Review date:	Office / Sustainability Lead	
3. <b>CPD on sustainability and climate</b>	Low cost	Moderate	Start date: Review date:	Headteacher	

