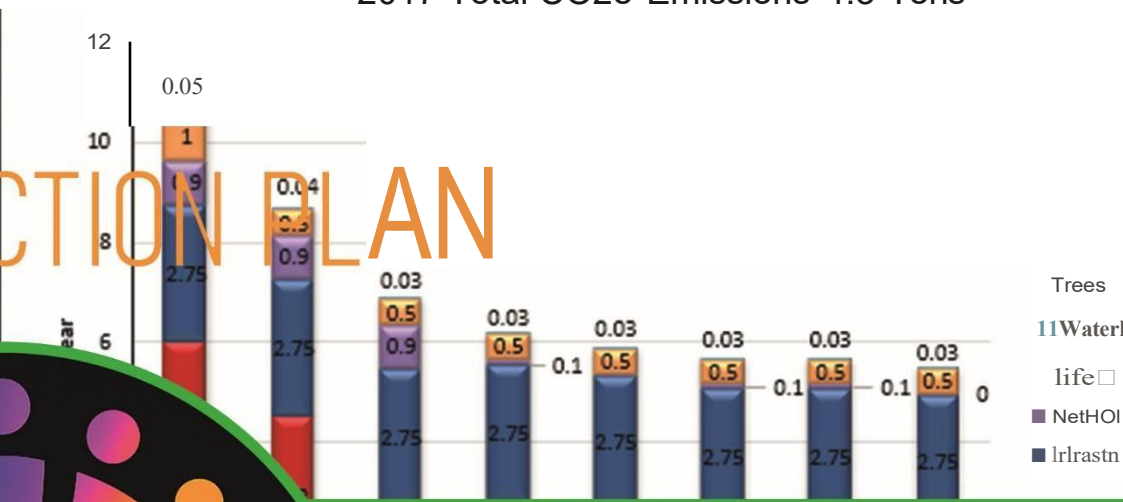




# CLIMATE ACTION PLAN



## Fortis Academy Climate Action Plan - September 2025

Our School is committed to becoming a sustainable and environmentally responsible learning community. We recognise the urgent need to tackle climate change and environmental degradation and aim to play our part in meeting local and national targets, including the UK government's goal to reach net zero by 2050. This plan outlines our climate action strategy, tailored to the needs and abilities of our pupils with Special Educational Needs and Disabilities (SEND).

| Goal                             | Action   | Steps   | Timeline         | Resources   |
|----------------------------------|--|---|------------------|---|
| <b>Establishing our baseline</b> | Conduct a full environmental audit covering carbon emissions, energy, water, waste, and biodiversity.                                | <ol style="list-style-type: none"> <li>1. Use appropriate/ accessible tools to gather data.</li> <li>2. Engage staff and pupils in observations.</li> <li>3. Create a baseline report.</li> </ol> | Autumn Term 2025 | Staff time; Free tools from Eco-Schools or Energy Sparks  |
| <b>Decarbonisation</b>           | Replace all lighting with LED bulbs.   | <ol style="list-style-type: none"> <li>1. Audit lighting across the school.</li> <li>2. Secure funding for any remaining lighting that needs upgrading</li> <li>3. Install LED lights.</li> </ol> | July 2024        | £50,000 grant for LED lighting in all the Academy.<br>Schools own funding to cover remaining costs.   |
| <b>Decarbonisation</b>           | Promote energy awareness among staff and pupils.<br>Recycle champions – making items from recyclable materials. Promoting awareness. | <ol style="list-style-type: none"> <li>1. Create visuals and reminders.</li> <li>2. Appointed pupil 'Energy Champions'.</li> </ol>  | Ongoing          | School Council and class staff.<br>Recycle champion's student enrichment group.<br>Signage around Academy<br>Recycle bottle bank in dining area |

|                                    |   |   |  |  |
|------------------------------------|---|---|--|--|
| <b>Biodiversity</b>                | Sensory garden and wildlife habitat in Academy  | <ol style="list-style-type: none"> <li>1. Location and needs identified.</li> <li>2. New build will identify more areas.</li> </ol>   | Ongoing<br>New build to be completed by 2030.  | Funding through school budget.<br>Enrichment groups and EAL students.                              |
|                                    |   | <ol style="list-style-type: none"> <li>2. Involve pupils in design.</li> <li>3. Plant native species and install bug hotels.</li> </ol>   |  | Gardening;<br>Staff/Volunteers/Students  |
| <b>Biodiversity</b>                | Join the Education Nature Park.<br><a href="https://www.educationnaturepark.org.uk/">https://www.educationnaturepark.org.uk/</a>  | <ol style="list-style-type: none"> <li>1. Sign up and access resources.</li> <li>2. Run themed activities.</li> </ol>   | Spring Term 2026   | Free; Eco-lead and class staff   |
| <b>Resilience &amp; Adaptation</b> | Develop a heat and flood resilience plan.   | <ol style="list-style-type: none"> <li>1. Conduct risk mapping. Identify adaptations (shading, ventilation).</li> <li>2. Install shading in playground areas.</li> </ol>                  | New build to be completed by 2030.   | Adaptation toolkit; SET Premises team and SLT  |
| <b>Resilience &amp; Adaptation</b> | <p>Install heat sensors in classrooms.</p> <p>BMS system is currently installed in Academy to generalise the heating in different blocks of the Academy. – Temperature regulated daily from computerised system depending on what the climate is.</p> | <ol style="list-style-type: none"> <li>1. Source appropriate devices in new build.</li> <li>2. Train staff in monitoring in new build.</li> <li>3. Use data to adapt routines.</li> </ol> | <p>BMS system reviewed quarterly</p> <p>New build to be completed by 2030.</p> <p>Rebuilding work commences in 2026. No control currently to centralise heating in classrooms in current building.</p> | To be completed as part of new building with the construction company.<br>SLT and caretaking staff |

|  |                                  |  |                                    |   |
|--|----------------------------------|--|------------------------------------|---|
| <b>Climate Education &amp; Green Careers</b> | Run a pupil-led climate project. | <ol style="list-style-type: none"> <li>1. Facilitate a project-based learning approach.</li> <li>2. Support pupils in creating change (e.g., recycling campaign).</li> </ol> | Ongoing                            | Teacher support; small grant for materials  |
| <b>Active &amp; Sustainable Travel</b>       | Install electric charge points.  | <ol style="list-style-type: none"> <li>1. Use Government grant to support installation.</li> <li>2. Share SET electric car scheme regularly with staff</li> </ol>            | New build to be completed by 2030. | Government grant<br>SET central team<br>SLT |

|  |   |  |         |     |
|--|---|--|---------|-----|
| <b>Active &amp; Sustainable Travel</b> | Plan meetings for staff and parents with consideration of travel demands. | <ol style="list-style-type: none"> <li>1. Utilize school site - develop a meeting room venue.</li> <li>2. Plan parent events and meetings carefully with consideration for those attending.</li> <li>3. Encourage car-sharing for staff if there is a need to travel to SET or other sites.</li> </ol> | Ongoing | SLT |
|--|---|--|---------|-----|

|   |  |   |   |  |
|---|--|---|---|--|
| <b>Waste, Consumption &amp; Recycling</b> | Launch a whole-school recycling and reuse programme.           | <ol style="list-style-type: none"> <li>1. Raise awareness of recycling bins with visuals to use with pupils too</li> <li>2. Appoint class eco-monitors.</li> </ol>  | Ongoing   | Whole staff  |
| <b>Food</b>                               | Reduce food waste across the whole day – snack times and lunch | <ol style="list-style-type: none"> <li>1. Audit food waste.</li> </ol>  | Ongoing - food waste monitored daily and regular weekly food collections. | Catering team<br>Site staff  |
| <b>Food</b>                               | Reduce food waste across the whole day – snack times and lunch | <ol style="list-style-type: none"> <li>2. Liaise with catering team re menu choices</li> <li>3. Teach about sustainable food in science lessons</li> <li>4. Raise awareness with families about food waste</li> </ol> | Summer Term 2026  | Catering team.<br>Subject leads<br>SLT<br>WRAP campaign<br><a href="https://www.wrap.ngo/uk">https://www.wrap.ngo/uk</a> |



## Monitoring and Evaluation

- Review progress termly in SLT meetings.
- Share updates with governors and parents annually.
- Use Eco-Schools or Energy Sparks tracking tools.
- Celebrate achievements in newsletters and assemblies.

## Inclusion & Accessibility

All activities will be: - Adapted for different cognitive and physical needs. - Delivered using visuals, sensory elements, and structured routines. - Focused on empowerment, with every child given the opportunity to participate and contribute.

## Partnerships

- Shaw Education Trust
- Eco-Schools / Keep Britain Tidy
- Energy Sparks
- RHS Campaign for School Gardening
- Education Nature Park
- Global School Alliance

## Review Date

This plan will be reviewed and updated in **September 2026**.

