



School Climate Action Plan

School Name: Singleton C of E School

Date of Plan: September 2025

Sustainability Lead: Rachel Warner

Reviewed by: SHE Committee

Next Review Date: September 2026

1. Decarbonisation & Energy Efficiency

Current Position:

- Mixed-age building: oldest section 160+ years, newest built in 2011.
- Heating:
 - 2011 extension: air source heat pump with underfloor heating.
 - Remainder: gas boilers (plant room upgraded August 2025).
 - New boilers - The Ideal Evomax 2 60kW is a condensing gas boiler, which means it's designed to recover heat from exhaust gases that older non-condensing models would simply waste
 - By upgrading to these condensing boilers with 96.4% seasonal efficiency, you're burning less gas for the same heat output—cutting emissions by up to 20–30% compared to legacy systems.
- Lighting:
 - Majority of lights are motion-sensor activated.
 - Electrical rewire completed in 2015.
 - Low-energy bulbs not yet installed.
- Thermostatic control and zoning in place (3 zones).
 - The Evomax 2's ability to modulate heat output means it avoids the "on-off" cycling that wastes energy.
 - This is especially valuable in buildings with variable heating needs, like schools

Actions:

- **Short Term (2025–2026):**
 - Review thermostat settings to optimise heating zones.
 - Conduct an energy audit with Cassidy + Ashton to identify further savings.
- **Medium Term (2026–2028):**
 - Explore funding for solar panels or additional air source heat pumps.
 - Investigate smart heating controls for better energy management.

- Begin phased replacement of bulbs with low-energy alternatives (subject to funding).
- **Long Term (2028–2030):**
 - Continue to optimise the performance of the new Evomax 2 condensing boilers and explore complementary technologies (e.g. smart controls, insulation upgrades, or partial renewable integration) that enhance energy efficiency and support future net-zero readiness.

2. Adaptation & Resilience

Current Position:

- Roofs replaced/repared in 2014–15 with insulated Bauder Total system.
- New doors and entrance installed to improve thermal efficiency.
- Limited walking/cycling access due to rural location and unsafe roads.
- Annual gardening / environmental days and tree planting initiatives.

Actions:

- **Short Term:**
 - Continue collaboration with Singleton Trust – establish joint projects.
 - Reach out to Parish Councillor Mark Bomber to join the 1000-tree campaign.
 - Maintain and replenish trees removed due to disease.
- **Medium Term:**
 - Explore rainwater harvesting for outdoor use.
 - Improve signage and lighting around school grounds to support winter safety.
- **Long Term:**
 - Maintain and enhance existing green infrastructure to support biodiversity and seasonal resilience, ensuring that outdoor spaces remain safe, accessible, and enriching for pupils year-round.

3. Biodiversity & Grounds Management

Current Position:

- Two woodland areas used for Forest School.
- Bug hotels, wildlife habitats, and fruit-bearing plants.
- Frequent outdoor learning and transition forest school days.
- Collaboration with Fylde Rangers and local farmers.

Actions:

- **Short Term:**
 - Map and monitor biodiversity across school grounds.
 - Expand bug hotel and wildlife habitat projects.

- Continue fruit harvesting and cooking activities.
- **Medium Term:**
 - Create a biodiversity corridor linking woodland areas.
 - Apply for outdoor learning grants to enhance green spaces.
- **Long Term:**
 - Develop a link with the different community groups – The Trust / Parish Council- Engage with the community projects – e.g. tree planting initiatives, maintenance of the village green and permissive pathways and woodlands etc

4. Climate Education

Current Position:

- Climate change and sustainability embedded in curriculum.
- Annual STEM week with guest speakers and green careers focus.
- Field-to-plate education with local farmers.
- Links to Fair Trade and Water Aid.
- Recycling and food waste education.

Actions:

- **Short Term:**
 - Form a student-led Eco Committee.
 - Integrate climate themes into assemblies and school events.
- **Medium Term:**
 - Develop cross-curricular sustainability projects.
 - Partner with other schools for shared climate learning.
- **Long Term:**
 - Track student engagement and impact through surveys or portfolios.

5. Waste & Recycling

Current Position:

- Partnered with Fylde Council for food waste and recycling services.
- Clear separation of recyclables in place.
- Staff and student awareness initiatives underway.

Actions:

- **Short Term:**
 - Ensure full compliance with September 2025 recycling regulations.
 - Create visual signage and student-led awareness campaigns.
- **Medium Term:**
 - Monitor waste volumes and set reduction targets.
 - Explore composting options for garden and food waste.

- **Long Term:**
 - Aim for zero landfill waste by 2030.

6. 🌱 Sustainable Food

Current Position:

- School meals provided by Lancashire County Council's SRCC.
- Over 55% of food sourced locally.
- Menus meet ethical and health standards (Food for Life Silver, Sugarwise Gold).
- Technology used to minimise waste and promote healthy eating.

Actions:

- **Short Term:**
 - Promote awareness of sustainable food sourcing among pupils.
 - Link food education to climate curriculum.
- **Medium Term:**
 - Host "Sustainable Food Week" with tastings and farmer visits.
- **Long Term:**
 - Explore growing herbs or vegetables on site.

7. 💬 Community Engagement

Current Position:

- SHE Committee meets monthly.
- Collaboration with Cassidy + Ashton for building efficiency.
- Governor David Hindley leads on funding applications.
- Annual gardening days with families.
- Strong links with local farmers and Fylde Rangers.

Actions:

- **Short Term:**
 - Publish this Climate Action Plan on the school website.
 - Share updates in newsletters and parent meetings.
- **Medium Term:**
 - Host community sustainability workshops.
- **Long Term:**
 - Build partnerships with local businesses for green initiatives.

✅ Monitoring & Evaluation

- **Lead:** Sustainability Lead and SHE Committee
- **Tools:** Energy audits, waste tracking, pupil surveys

- **Review Cycle:** Termly review with annual update
- **Reporting:** Annual summary to governors and community

Next Steps

Here's what you should do next:

1. **Nominate a Sustainability Lead** - Choose a staff member to oversee the plan
2. **Review and approve this plan** with your SHE Committee
3. **Publish the plan** on your school website and share with staff and governors.
4. **Begin tracking progress** Monitor energy use, waste volumes, and biodiversity
5. **Explore funding opportunities** — Governor David Hindley will continue to research and apply for funding opportunities to support sustainability improvements
6. **Create a pupil Eco Committee** to involve children in decision-making.
7. **Contact Local Partners** - Reach out to Mark Bomber and Singleton Trust for tree planting collaboration and future collaborative community initiatives

Suggestions for Improvement

- Consider adding a **carbon footprint baseline** if possible — even a rough estimate helps.
- Include a **risk assessment** for climate-related impacts (e.g. extreme weather).
- Add a **staff training section** on sustainability practices.
- Consider joining a national network like **Eco-Schools** for support and recognition.