Madresfield CE Primary School
Climate Action Plan

Document Owner – Mrs Rebecca Hibell, Headteacher

Date – October 2026

Review date – October 2027

Sustainability Statement

Here at Madresfield CE Primary School, we consider sustainability and climate education vitally important to the school, pupils, families and wider community.

Madresfield is a small, rural school surrounded by an abundance of nature. Our school grounds have a wide range of habitats including grass playing fields, trees and bushes. We have a beautiful outdoor forest school area, outdoor classrooms and a cottage garden and are lucky to also have a pond habitat on our site for our children to explore. Our raised beds enable children to have hands on gardening and growing experience aiding understanding of food, nutrition in addition to the positive impact it has on their wellbeing.

We believe that sustainability begins with education and by nurturing our pupils passion for the environment we enable them to connect their own lives and habits to what's going on in the wider world.

Our pupils are involved in active learning about the environment and are encouraged to take actions at a local and wider scale. We've filled our library with books that celebrate and share amazing facts about the Earth, our impact on it and environmental movement leaders like Greta Thunberg and David Attenborough.

Sustainability topics are divided across the school year groups; the complexity of issues covered increases as the children become older. Addressing climate change and sustainability cannot be confined to a single unit or subject and it should not be an add-on; for real impact, these issues must be embedded across the entire curriculum. The Kapow Sustainability and Climate Change Progression of Knowledge and Skills document ensures that knowledge and skills related to climate change develop cumulatively rather than an ad hoc or disconnected way.

Embedded within the curriculum the children develop an appreciation of nature and then go on to learn about resources and waste management, climate change, food waste, recycling and water conservation, habitats and ecology. As a school community we accept that waste exists in many forms and is part of all our lives and we all learn what we can do as an individual, a school and wider community to reduce our carbon footprint (individual and collective responsibility).

Our school motto is **'Ignite, Illuminate and Inspire'** we are strongly motivated to ensure that every child who attends our school has a rich and positive learning experience, filled with love and excitement and this is particularly relevant to sustainability.

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Action Plan

Sustainable Leadership & Partnerships				
Action undertaken				
Our nominated Sustainability Lead is in place – Emma Tomlinson The school has signed up to Lets Go Zero Madresfield is registered with the National Education Nature Park We have an ongoing and successful working partnership with Worcester Woodland Explorers – high quality forest school provision has been established on site to enhance outdoor learning and environmental awareness. This includes alternative provision for children with EHCPs, class sessions and a popular after school club. We have revigorated our cottage garden – this is the dedicated EYFS outdoor classroom. The school makes regular donations to the local community fridges and foodbanks We use the local Madresfield estate and local public footpaths for outdoor learning.				
Next steps	**What does success look like?**	**Target Date**	**Owner**	**RAG**
Create a wider Sustainability Team involving staff and JLT.	Team established – staff and JLT members complete Roles and responsibilities understood – complete Review of Climate Action Plan undertaken by the team – complete.	December 2026	Rebecca Hibell	**Achieved**
Create our site boundary on the National Education Nature Park.	Site created and visible on National Education Nature Park website. Home | Education Nature Park	August 2026	Emma Tomlinson	**Achieved**
Map our habitats National Education Nature Park.	Habitats mapped as guided by the National Education Nature Park and uploaded onto the website.	December 2026	Rebecca Hibell (Teacher lead to be assigned)	**Not yet achieved**
Harvest Festival – collection for the Malvern Hills Foodbank	Collection from parents and delivery to the Foodbank	November 2026	Emma Tomlinson	**In progress**

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Energy Efficiency & Reducing Emissions

Decarbonisation is a significant area where Madresfield aim to reduce our emissions from energy, travel and procurement.

A limiting factor that the school community takes into account is the rural setting, lack of safe public footpaths and that we are not on any existing public transport routes.

Action undertaken

Madresfield has already taken advantage of solar panel installation and feeds into the National Grid.

In the last 3 years the school has replaced a number of single glazed windows replacing them with more efficient double glazing, this includes the large window above the entrance/library area.

In the last 3 years the school has installed energy efficient front entrance doors.

In the last 3 years the school has replaced outdated and inefficient fluorescent lights with LED lighting (KS2 classrooms)

Procurement of general supplies includes consideration of local suppliers to reduce transport footprint e.g. Paperstation, Black Pepper School Lunches, CleanMy

This academic year we have created an outdoor classroom in the courtyard where students can learn in a natural setting, connecting them with the environment while reducing the need for indoor lighting and heating.

Local trips are prioritised such as the Madresfield Estate, walks on the Malvern Hills, Lifepath at Malvern Priory, sporting events at local high schools, swimming lesson at Malvern Active and Bellboating at Upton Marina – this is with a view to reducing our transport footprint.

When logistics allow we also aim to share transport with other schools to events (e.g. Debating Competition)

Severn Trent Water Efficiency Audit undertaken 27.04.2026 – no direct actions identified

Next steps	What does success look like?	Target Date	Owner	RAG
Data Gathering – establish the school Carbon Footprint. Annual review of Carbon Footprint	Undertake carbon footprint baseline through Home - Count Your Carbon – Completed 09.10.2026 Annual review with CAP review	November 2026 October 2027	Rebecca Hibell Rebecca Hibell	**Achieved** **Not yet achieved**
Water conservation – harvesting of rainwater through use of water butts	Water butts in place a water used for planters/vegetable growing. Water butt in place March 2026 and collection ongoing and used.	December 2026	Rebecca Hibell	**Achieved**
Severn Trent Water Efficiency Audit to be undertaken	Severn Trent to audit school buildings, fixtures, usage and produce viable actions to reduce consumption. Undertaken 27.04.2026 – no substantive actions identified	August 2026	Emma Tomlinson	**Achieved**
Running a "switch off" campaign to remind students and staff to turn off lights and electronics when not in use.	Reduced electricity consumption (data available from WME school account) Be part of the The Pod | Switch Off Fortnight 2026	November 2026	JLT Environmental Lead and their team	**Not yet achieved**
Installing LED lights, which use less energy and last longer than traditional lighting for all remaining areas.	All fluorescent lights replaced.	August 2027 (or as when require replacing)	Rebecca Hibell	**In progress**

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Promote car sharing and use of the 'Park & Walk' scheme from the Madresfield Club to reduce emissions.	Reduction in cars on the road at pick up/drop off times. Greater use of the Walking Path – in September 2026 we have introduced a staff supervised Walking Bus.	December 2026	Rebecca Hibell	In progress Achieved
Regular inspections by Headteacher to ensure no obstructions in front of radiators blocking heat	Inspections, radiators free from blockages, regular communication to staff	Ongoing	Rebecca Hibell	Achieved
Heating turned off from Easter to October half term (minimum expectation) to reduce gas usage	Unless absolutely necessary heating to be turned off from Easter to October half term as a minimum period. Achieved in 2026 – target continues into 2027.	April 2026 November 2026	Emma Tomlinson	Achieved

Education & Awareness *Madresfield aims to create a sustainable school and a key part of this is to integrate climate education into the curriculum.*				
Action undertaken				
Through Kapow sustainability topics are divided across the school year groups; the complexity of issues covered increases as the children become older. (Refer to the Kapow Sustainability and Climate Change Progression of Knowledge and Skills for detail of the curriculum) The school has created the role of Environmental Lead on the Junior Leadership Team and has implemented a pupil Environmental Working Group. In 2024 Madresfield was the recipient of a grant from MHDC to replace old/damaged raised beds as part of the Growing Together Project enabling the school to grow fruit, vegetables and herbs.				
Next steps	**What does success look like?**	**Target Date**	**Owner**	**RAG**
Celebrating key **environmental days** like Earth Day and World Environment Day to raise awareness and engage the whole school community.	Activities to celebrate and environmental days. Communication to parents to inspire wider community involvement Assembly and class activities undertaken to celebrate David Attemndborough's 100th birthday 05.05.2026	Earth Day – 22nd April 2026 World Environment Day – 5th June 2026	Rebecca Hibell	Achieved
Assembly by Little Litter Pickers and day of community clear up activities for all classes.	Interactive assembly completed to raise awareness. All classes complete a litter pick activity within the school and church grounds.	19th March 2026	JLT Environmental Lead and their team	Achieved
Identify the key **environmental days** for 2027/28	Identify dates Communicate to school community and increase engagement.	December 2026 April 2027	Emma Tomlinson	Not yet achieved Not yet achieved
Embedding the growing together project with increased fruit and vegetable production.	Regular gardening activities undertaken. Increased food production.	December 2027	Rebecca Hibell (Teacher or community lead to be assigned)	Not yet achieved

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Gain the Eco School Green Flag award	Application submitted between 01.05.2027 and 31.07.2027 Award gained by school from Eco-Schools Overview - Eco Schools	July 2027 July 2027	Emma Tomlinson	**Not yet achieved**
Sharing of relevant newsletters with all staff	Education Nature Park newsletters Earth Cubs Climate Change Club in a Box | YoungClimateWarriors	Ongoing	Emma Tomlinson	**In progress**
School Sustainability Lead to attend Diocese Net Zero Carbon Schools Training	Attend Diocese training and assess any new actions with Headteacher.	December 2026	Emma Tomlinson	**Not yet achieved**
Maximise outdoor learning opportunities through forest school – improvements to outdoor learning spaces	Apply for a grant from Learning Through Lanscapes Learning through Landscapes - Grants to improve outdoor spaces. Each grant includes outdoor learning training for staff, a school grounds climate survey, a Climate Curriculum Kit worth £150, and £500 of equipment from a catalogue of over 100 items.	December 2026	Emma Tomlinson	**In progress**

Waste Reduction & Recycling *Schools generate significant waste so targeting waste reduction through re-use and recycling is a priority for Madresfield.*				
Action undertaken				
Recycling stations have been established in the school office, staff room, classrooms and reprographic room. Implementation of food waste disposal through the MHDC – children, staff and cleaning company are involved in food waste management. All food waste is disposed weekly through MHDC. Implementation of garden waste disposal through the MHDC – children, staff, visitors and families are involved in the garden waste management and there is a dedicated waste collection every fortnight. Battery recycling undertaken. New products purchased in 2025 for the outdoor courtyard area are solar powered to reduce electricity and battery use. A composting area is in place in the outdoor learning area.				
Next steps	**What does success look like?**	**Target Date**	**Owner**	**RAG**
Encouraging students to bring waste-free lunches by using reusable containers, avoiding single-use plastics, and minimising food waste.	Communication to parents. Website to be updated. Waste to be sent home to parents where single use plastics are used in lunchboxes.	December 2026	Rebecca Hibell	**Not yet achieved**

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Improve our composting provision – needs to become a more regular habit	Composters emptied and where usable to be put on the raised beds. New composting rules to be communicated (balanced items to include a variety of compostables).	August 2027	Rebecca Hibell (Teacher or community lead to be assigned)	**Not yet achieved**
Set target for reduction in printing/copying to eliminate non required printing.	Data to be collected and target set for reduction. Communication to staff to raise awareness of printing and ensure all understand the reduction target.	August 2027	Rebecca Hibell (Teacher or community lead to be assigned)	**Not yet achieved**
Increase in purchasing sustainable educational supplies	Where cost effective (within agreed budget) procurement of sustainable educational supplies should be prioritized. Refillable black marker pens purchased - complete Reduction in use of plastic laminating pouches next target	Ongoing	Emma Tomlinson	**In progress**
Increase in use of pre loved uniform	Signed up to FreeSchoolClothes.com and communicated to parents 15.06.2026 Posted high quality pre-loved uniform for parents/community.	Ongoing	Emma Tomlinson	**In progress**

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