



# Climate Action Plan



**North Baddesley Junior School**





# CLIMATE ACTION PLAN



At North Baddesley Junior School, we believe that small actions can lead to big changes, and we're excited to take steps toward a greener, more sustainable future. Our Climate Action Plan is all about creating a positive impact on the environment while inspiring our students, staff, and families to work together for a cleaner, healthier world.

From reducing waste to saving energy, we are committed to making eco-friendly choices that will benefit not only our school but the community around us. By embracing these efforts, we hope to encourage everyone at North Baddesley Junior School to become climate champions and help build a brighter, more sustainable tomorrow.

## SUMMARY

In progress: 21 items  
Not started: 6 items  
Completed: 13 items





Section

# DECARBONISATION

## Carry Out A Building Energy Audit

Conducting a building energy audit helps schools pinpoint areas of energy waste, from heating inefficiencies to unnecessary lighting. Schools can use professional energy assessors or pupil-led monitoring programs to analyse energy usage and recommend improvements. Findings can inform decisions on insulation, lighting upgrades, and behaviour-based energy-saving strategies.

*Started: 2023 using Concerto - ongoing*

**In Progress**

## Deliver some Lesson Outside

Outdoor lessons provide pupils with fresh air and a change of scenery while reducing reliance on indoor lighting and heating. Whether it's reading in a shaded area, conducting science experiments outside, or using school gardens for hands-on learning, outdoor education fosters engagement and sustainability awareness.

*Started: REF Initiatives over 10 years ago – ongoing and being embedded across the entire curriculum.*

**In Progress**



# DECARBONISATION

## Install LED Lighting

LED lighting is a cost-effective and energy-efficient alternative to traditional incandescent and fluorescent bulbs. By switching to LED lighting, schools can significantly reduce electricity consumption and maintenance costs while lowering their carbon footprint. LED bulbs also generate less heat, improving classroom comfort and reducing the need for air conditioning.

*Started: 2023 - ongoing*

**In Progress**

## Run A switch OFF Campaign

A switch-off campaign raises awareness about energy consumption and encourages simple behavioural changes to reduce waste. Schools can run competitions, put up reminder posters, and conduct audits to track energy savings. Engaging pupils through classroom discussions and real-time energy monitoring can make energy efficiency a long-term habit.

*Started: Relaunch 4th Sep 2025*

**In Progress**



# DECARBONISATION

## Travel survey

A travel survey helps schools gather data on pupil and staff commuting habits. By understanding travel patterns, schools can identify opportunities to encourage more sustainable travel options such as walking, cycling, carpooling, or using public transport. This information can support decisions on bike rack installations, road safety improvements, and incentive programs for eco-friendly commuting.

*Started: January 2023 with HCC Travel Team.*

**COMPLETED ANNUALLY**

**In Progress**

## Install motion sensors to Lights

Motion sensors automatically turn lights on and off depending on occupancy. By installing these in classrooms, hallways, and restrooms, schools can significantly cut down on wasted electricity. This ensures that lights are only used when needed, reducing overall energy consumption.

*Started: 2023 Completed: Most appropriate areas in the school have motion sensor lights.*

**Completed**



Section

# DECARBONISATION

## Install SOLAR Panels

Installing solar panels requires an MCS certified installer to install them. They will normally be able to give you an idea of the amount of solar panels that can fit on the premises. You'll need to also decide if you would like a battery system as well, to help store energy during winter months when there is less sunshine available.

*Started: 2022 Completed: Still using the solar panels and maintain them.*

**Completed**



Section

# ADAPTATION & RESILIENCE

## Audit and Reduce Single-Use Plastics

Schools can conduct an audit of their plastic use, identifying areas where single-use plastics can be eliminated or replaced with sustainable alternatives. This includes plastic cutlery, straws, and packaging materials. Encouraging the use of reusable water bottles and lunch containers can also contribute to waste reduction.

*Started: Sept 2023 – education on this aspect is ongoing.*

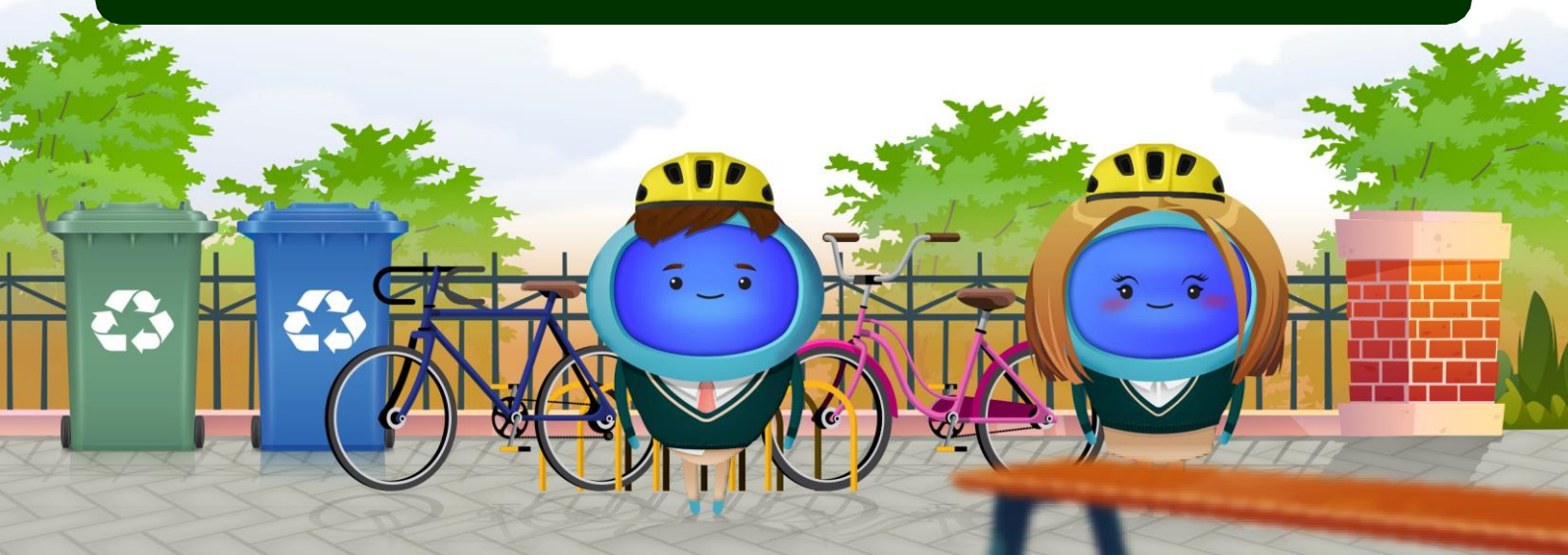
**In Progress**

## Create a Heatwave Health and Safety Assessment

As heatwaves become more common due to climate change, schools must ensure the wellbeing of pupils and staff during extreme temperatures. A heatwave health and safety assessment should include installing shaded seating areas, increasing hydration points, improving ventilation, and adjusting schedules during hot weather. Proactive planning helps prevent heat-related illnesses while fostering a healthier, more resilient learning environment.

*Started: Sept 2023 – education/action on this aspect is ongoing.*

**In Progress**



# ADAPTATION & RESILIENCE

## Develop a Water Conservation Strategy

Schools can adopt water-saving measures such as dual-flush toilets, drought-resistant landscaping, and leak monitoring systems. Educating students on responsible water use can further enhance conservation efforts.

Not started

## Purchase SCHOOL-Branded Reusable Water Bottles

Schools can distribute school-branded reusable water bottles to encourage pupils and staff to move away from single-use plastic bottles. Paired with hydration stations, this initiative promotes healthier drinking habits while reducing plastic waste. Schools may consider offering bottles as part of a welcome pack or fundraising effort.

*Started: Currently all children are encouraged to bring their own reusable bottle into school. School currently provides cups for children that require water throughout the day.*

Not started



# ADAPTATION & RESILIENCE

## Use Refillable Whiteboard Markers And Stationery

Many standard whiteboard markers and pens are single-use, contributing to plastic waste. Schools can transition to refillable options, reducing landfill waste and lowering procurement costs in the long run. Refillable stationery is also often made from sustainable materials, further reducing environmental impact.

**Not started**

## Develop A Rainwater Harvesting System

Installing a rainwater harvesting system allows schools to collect rainwater for irrigation, toilet flushing, and other non-drinking uses. This reduces reliance on municipal water supplies and helps schools become more self-sufficient. Additionally, rainwater collection can be integrated into sustainability lessons for pupils.

*Started: Sept 2025*

**In Progress**



# ADAPTATION & RESILIENCE

## Plan A SCHOOL-wide Energy Reduction Challenge

Engaging pupils and staff in an energy-saving challenge builds awareness and encourages sustainable habits. Schools can track electricity consumption and reward classrooms that achieve the highest reductions.

*Started: REF themes/eco committee - over 10 years and ongoing.*

**In Progress**

## Set UP A SCHOOL Resilience Committee

Establishing a resilience committee ensures ongoing adaptation to environmental challenges. This team, composed of pupils, staff, and community members, can assess risks, implement sustainability policies, and coordinate resilience projects. Regular meetings will help track progress and adjust strategies as needed.

*Started: Sept 2025*

**In Progress**



# ADAPTATION & RESILIENCE

## Source Cleaning Products with ECO-Certifications.

Traditional cleaning products contain harmful chemicals that can pollute water and air. Schools can transition to eco-friendly alternatives certified by environmental agencies, reducing exposure to toxins and supporting sustainability efforts.

*Started: 3rd Sep 2025*

**In Progress**

## Create A SCHOOL Community Garden FOR FOOD Resilience

Establishing a community garden allows schools to grow their own fruits and vegetables, reducing reliance on external food sources. This initiative provides hands-on sustainability education, promotes healthy eating, and fosters a sense of community among pupils and staff.

*Started: 2018 Completed: Ongoing development of this area and activities associated with gardening.*

**Completed**



# ADAPTATION & RESILIENCE

## Install Planters

Planters help capture and filter rainwater, reducing surface runoff and preventing localised flooding. These planters act as natural water management systems while also contributing to urban greening efforts by improving biodiversity and air quality. Schools can use planters in courtyards and playgrounds to add aesthetic appeal while supporting sustainability education. Over time, planters contribute to a healthier local ecosystem and reduced infrastructure strain caused by excess rainwater.

*Started: 2018*

*Completed: ongoing maintenance*

**Completed**



# ADAPTATION & RESILIENCE

## Install Water Butts

Water butts allow schools to collect and store rainwater, reducing dependence on mains water for irrigation, cleaning, and other non-drinking purposes. This initiative helps conserve water, cut utility costs, and educate pupils on sustainable water management practices. Schools implementing water butts can use them to water gardens, supply outdoor play areas, and even contribute to science lessons on water conservation.

*Started: 2018*

*Completed: Ongoing*

**Completed**



Section

# ADAPTATION & RESILIENCE

## Plant trees to Create shaded Areas

Planting trees strategically around the school campus provides natural cooling, reducing the need for artificial cooling systems during hot months. Trees also improve air quality by filtering pollutants, enhance biodiversity by providing habitats for birds and insects, and create inviting outdoor learning spaces. As they grow, trees contribute to carbon sequestration, offsetting a portion of the school's emissions while simultaneously improving pupil wellbeing.

*Started: 2022*

*Completed: July 2025*

**Completed**





Section

# BIODIVERSITY

## Join Community initiatives

Community environmental initiatives such as tree planting, litter picking, or local green space protection projects can provide excellent opportunities for pupils and staff to make a positive impact on their local environment. These initiatives also help build a culture of sustainability within your school.

**Not started**

## Carry Out A Nature Survey

Schools can conduct nature surveys to document the species of plants, insects, and animals found on school grounds. This information can help identify areas for biodiversity improvement, such as adding nesting boxes, planting native species, or reducing pesticide use. Engaging pupils in biodiversity monitoring promotes conservation awareness and scientific curiosity.

*Started: Sept 2024 – Ongoing*

**In Progress**





Section

# BIODIVERSITY

## Participate in the RSPB Birdwatch

Schools can engage pupils in the Royal Society for the Protection of Birds (RSPB) Birdwatch, an annual citizen science event where participants' record and report bird sightings. This initiative helps develop observation skills, raises awareness of biodiversity, and contributes valuable data for conservation efforts. Schools can integrate this activity into science and geography lessons to reinforce learning.

*Started: 3rd Sep 2024 – ongoing annually*

**In Progress**

## Work with the Pupils to get their views On How the school site should look

Schools can involve pupils in decision-making about their learning environment, ensuring that sustainability considerations are incorporated. Whether through workshops, surveys, or school councils, pupil input can lead to more effective green space planning, improved outdoor learning areas, and projects that align with their needs and interests. Involving pupils also increases their sense of ownership and responsibility for the school environment.

*Started: 3rd Sep 2023 – pupil voice, gardening and Eco committees*

**In Progress**





Section

# BIODIVERSITY

## Build A SCHOOL Pond FOR Wildlife

School ponds provide essential habitats for amphibians, insects, and birds, improving local biodiversity. They also offer a hands-on educational resource for pupils to study aquatic ecosystems, life cycles, and conservation. Proper maintenance ensures the pond remains a thriving habitat.

*Started: Over 10 year ago*

**Completed**

## Build an Insect Hotel

Log piles and disused wood pallets can be used to create a natural habitat for insects, amphibians, and fungi, enhancing biodiversity and promoting decomposition processes. They can be strategically placed in school gardens to serve as learning tools for ecology studies.

*Started: Over 10 years ago*

*Ongoing maintenance and development of Bug Hotels.*

**Completed**



Section

# BIODIVERSITY

## Create a HERB Garden For the kitchen to use

Schools can create herb gardens to supply fresh ingredients for the kitchen, reducing the need for store-bought herbs and promoting sustainable food practices. Pupils can be involved in growing and maintaining the garden, learning valuable gardening and nutrition skills. Herb gardens also attract pollinators, supporting local biodiversity.

*Started: 2018*

*These are used in cooking classes*

**Completed**

## Create a SCHOOL Pollinator Garden

A school pollinator garden provides a habitat for bees, butterflies, and other beneficial insects. By planting native wildflowers and nectar-rich plants, schools can contribute to biodiversity and support local ecosystems. These gardens also serve as valuable outdoor learning spaces where pupils can observe pollination in action and learn about the role of insects in food production.

*Started: 2018 – ongoing development*

**Completed**



Section

# BIODIVERSITY

## Get A Compost Bin to Reduce FOOD Waste

Composting helps reduce landfill waste while creating nutrient-rich soil for school gardens. Schools should consider site suitability, maintenance requirements, and pest prevention strategies. Composting can also be incorporated into science lessons, providing pupils with hands-on learning about decomposition and soil health. Schools with kitchen facilities can work with catering teams to compost food scraps, further reducing waste.

*Started: April 2025*

**Completed**

## Start A Gardening Club

A gardening club provides pupils with hands-on experience in growing flowers, vegetables, and trees, while also teaching them about sustainability, soil health, and biodiversity. Gardening improves mental well-being, fosters teamwork, and enhances outdoor learning opportunities. Schools can use gardens to produce food, beautify the environment, and engage pupils in long-term eco-friendly initiatives.

*Started: Over 10 years ago*

**Completed**



Section

# CLIMATE EDUCATION & GREEN SKILLS

## Create A 'Sustainability in Careers' Day

By exposing pupils to careers in sustainability, schools can inspire future professionals who prioritise environmental responsibility. This event can feature guest speakers, panel discussions, and interactive workshops showcasing opportunities in renewable energy, environmental policy, and sustainable business practices.

**NOt started**



Section

# CLIMATE EDUCATION & GREEN SKILLS

## Introduce A Sustainability Lesson in Every Subject

Embedding sustainability into the curriculum across all subjects helps pupils develop an awareness of environmental issues. Science classes can discuss climate change, geography can cover ecosystems, and mathematics can explore energy consumption statistics. By integrating sustainability into daily learning, pupils can develop a mindset of environmental responsibility and apply these principles beyond the classroom.

*Started: 2018 – Curriculum Review. Embedding within some subjects.*

**In Progress**



Section

# CLIMATE EDUCATION & GREEN SKILLS

## Launch A Carbon Footprint Awareness Campaign

Schools can run campaigns to educate pupils and staff about their carbon footprints and practical ways to reduce them. Through posters, workshops, and hands-on activities, pupils can learn how their transportation choices, food consumption, and energy use contribute to emissions. This knowledge can lead to long-term changes in behaviour that support sustainability goals.

*Started: 2023– through walk to school, car emission posters – ongoing*

**In Progress**

## Organise A Pupil-LED Energy And Waste Audit

A school-wide audit allows pupils to evaluate energy use and waste production, identifying areas for improvement. This hands-on approach helps pupils understand real-world sustainability challenges and implement practical solutions such as reducing electricity use, recycling more effectively, and cutting down on single-use plastics.

**Not started**



Section

# CLIMATE EDUCATION & GREEN SKILLS

## Provide staff CPD on Embedding Sustainability In the Curriculum

Schools can offer CPD sessions focused on embedding sustainability across subjects, ensuring that educators have the knowledge and resources to integrate environmental topics effectively. UCL's free Teaching for Sustainable Futures course is available for Geography and History teachers, but training should also support other subjects in incorporating sustainability themes. Ensuring teachers have dedicated time for curriculum development helps make sustainability a lasting part of the school's educational framework.

*Started. 2018 Curriculum Review - ongoing*

**In Progress**



Section

# CLIMATE EDUCATION & GREEN SKILLS

## Create A SCHOOL Sustainability PLEDGE Program

Schools can implement a pledge program where pupils and staff commit to eco-friendly actions such as reducing waste, conserving energy, and using sustainable transport. Regular updates and rewards keep engagement high.

*Started: Sept 2025*

**In Progress**

## Develop An Outdoor Learning Program Focused On Nature

Outdoor learning programs provide pupils with hands-on experiences in nature, teaching them about local ecosystems, biodiversity, and conservation. Schools can create learning gardens, conduct nature walks, or collaborate with conservation groups to enhance pupil engagement with the environment.

*Started: 2023 - ongoing development*

**In Progress**



Section

# CLIMATE EDUCATION & GREEN SKILLS

## Host A Sustainability -Themed Assembly EACH Term

Hosting a sustainability-themed assembly each term ensures that pupils remain engaged with environmental topics. These events can feature guest speakers, pupil-led presentations, and school-wide challenges to encourage participation. Assemblies help build a culture of sustainability and reinforce its importance throughout the school community.

*Started: Sept 2024 – REF days*

**In Progress**

## Organise A walk to school week

Encouraging pupils and staff to walk, bike, or use public transport instead of driving can reduce emissions and improve local air quality. A Walk to School Week helps raise awareness about the environmental and health benefits of active travel.

*Started: Over 10 years ago*

**In Progress**



Section

# CLIMATE EDUCATION & GREEN SKILLS

## Create A SCHOOL ECO Committee

A school eco committee gives pupils the opportunity to lead sustainability projects, influence school policies, and advocate for environmental improvements. This initiative fosters leadership, encourages responsibility, and ensures sustainability remains a core focus in school decision-making.

*Started: 2018 - ongoing*

**Completed**

