



Climate Action Plan

Our Goal: To reduce environmental impact, prepare for climate-related risks, and build a culture of sustainability in early childhood.

1. Vision & Goals

Vision:

Create a safe, sustainable, and climate-resilient learning environment for young children.

Key Goals:

- Teach children and families eco-friendly habits
- Reduce waste and energy use
- Adapt the preschool to withstand overheating and flooding risks



2. Focus Areas with Climate Resilience

A. Waste Reduction

- Continue recycling, and using sustainable materials
- Use recycled materials for crafts and junk modelling
- Emphasise the value of "reduce, reuse, recycle"
- Reduce waste from lunchboxes by putting unfinished food back to have later and encourage parents to pack food in reusable pots

B. Energy & Water Conservation

- Installation of blinds to reduce indoor heat gain
- Well-placed windows for natural ventilation
- Keep blinds open and lights off when daylight is sufficient
- Turn off lights and devices when not in use



C. Overheating Prevention (Climate Adaptation).

Action Steps:

- Shade: Use canopies/gazebos to create shaded areas outside. All children to wear hats and sun cream on sunny days
- Light-Coloured Paint: Outside areas painted light to reflect sunlight and reduce heat absorption
- Ventilation: Keep windows open when safe; use portable fans
- Hydration Stations: Provide easy access to water and encourage children to keep drinking water throughout the day
- Activity Planning: Limit outdoor play during hottest times. Increase Water play on hot days
- Emergency Cooling Plan: Have a space with fans for hot days, and protocols for extreme heat. Closure of the preschool if indoor temperature exceeds 32 degrees Celsius

D. Flooding Prevention (Climate Adaptation)

Action Steps:

- Gutter Maintenance: Regularly clear leaves/debris to prevent overflow
- Raised Storage: Keep important materials and supplies off the floor
- Flood-Resistant Materials: Use washable mats and water-resistant wall paint
- Emergency Plan: The preschool would need to close due to a flood if : water is coming inside the building, there is water damage, utilities are compromised, flash flood warnings or the local authority has suggested closure.

Weather Alerts: Keep updated with local weather warnings and keep a response kit (dry clothes, towels, etc.)



E. Outdoor Learning & Nature Connection

- Use outdoor gardens and natural materials like sticks, stones, pinecones, leaves, bark, sand, shells, and acorn to teach sustainability
- Include themes of play on weather, seasons, and how climate affects living things
- Teach children to respect all living things and their habitats
- Provide resources for learning during a sustainability education week at preschool



3. Curriculum & Learning Integration

- Read stories about nature, weather, and caring for the Earth
- Science play: water tables, growing plants, investigation units etc
- Songs, role-play, and crafts themed around rain, sun, recycling, and animals
- Sustainability themed week at preschool to help educate the children on sustainability



4. Parent Engagement

- Share why sustainability matters for children's health and future
- Use newsletters ,or notice boards to explain preschool's sustainability goals
- Link sustainability to child development (e.g. "Gardening supports motor skills and science learning")
- Ask families to donate recyclable or natural materials for play

- **5.Helpful Resources**

Websites:

- [Sustainability Support for Education](#)
- [Home | Education Nature Park](#)
- [How we're supporting practitioners to embed sustainability into early years | NCFE](#)

Books for children:

- "The Earth Book" by Todd Parr
- "Michael Recycle" by Ellie Bethel
- "Someone swallowed Stanley" by Sarah Roberts
- "Bee and me" by Alison Jay