**Registered Office:**

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## Detailed Project Proposal

**1. Project Title:** Nature and Climate Education Program for Government Schools

**2. Submitted By:** Kenneth Anderson Nature Society (KANS)

**3. In Partnership With:** Climate Thinker

**4. Project Duration:** July 2025 - March 2026

**5. Target Beneficiaries & Schools:**

- **Students:** Classes 7-9 and Class 11.
- **Schools:**
  - GHSS, Mullai Nagar
  - GHSS, Denkanikottai (Boys School)
  - GHSS, Unisetty
  - GHSS, Thally (Boys School)
  - GHS, Settipalli

**6. Vision & Goal:** To cultivate a generation of environmentally conscious and proactive citizens in Krishnagiri District by fostering a deep understanding of local biodiversity, environmental challenges, and climate science. This program aims to empower students with the knowledge and practical skills to become agents of positive change within their communities. This initiative is in direct alignment with the objectives of the District Climate Mission.

**7. Program Objectives:**

- To build upon and enhance the existing Eco-Club initiatives by providing a structured, hands-on curriculum and dedicated mentorship.
- To impart inquiry-based and experiential learning on key environmental themes: Biodiversity, Water, and Waste Management for students in Classes 7-9.
- To provide focused climate change education for Class 11 students, covering science, impact, and mitigation strategies.
- To establish a "Climate Lab" corner in each school as a resource hub for environmental monitoring and project work.
- To facilitate the greening of school infrastructure through student-led projects like kitchen gardens, composting units, installation of nest boxes, and the creation of a library with storybooks on nature education.
- To measure the impact of the program on students' environmental knowledge, attitudes, and skills through a structured assessment framework.

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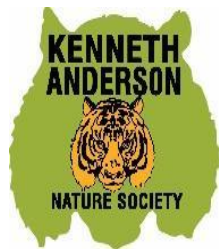
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**8. Program Components & Methodology:** The program is built on a multi-pronged approach that combines classroom learning with practical, on-ground action.

- **Structured Sessions:** 12 bi-weekly sessions (1.5 hours each) per school, facilitated by a full-time Nature Educator from KANS. The methodology will be hands-on, experiential, and inquiry-based. The session plans are designed to be dynamic; **the curriculum outline will be adapted to the Tamil Nadu state syllabus based on continuous feedback from teachers to seamlessly integrate with their academic schedule and topics.**
- **Orientation & Assessment:** The program will commence with 3 initial sessions for teacher orientation, student orientation, and a pre-program assessment using the **NEAF (Nature Education Assessment Framework)**. A post-program assessment will be conducted to measure impact.
- **Climate Labs:** In partnership with **Climate Thinker**, a designated corner in the existing school science lab will be developed into a "Climate Lab." This space will house equipment for monitoring weather (e.g., rain gauge, thermometers), soil and water testing kits, and other resources for project-based learning.
- **Greening School Infrastructure:** Students will be guided to implement practical projects such as setting up organic kitchen gardens, managing waste through composting and segregation, installing nest boxes to attract local bird species, and establishing a small library of storybooks and reference materials on nature and environmental education.
- **Enrichment Workshops:** Select, motivated students will be invited to participate in special winter and summer workshops, offering deeper engagement in specific topics, within the rules and regulations of the Education Department.
- **Annual Day:** The program will culminate in an Annual Day event where students showcase their projects, findings, and learnings through exhibitions, drama, and presentations.

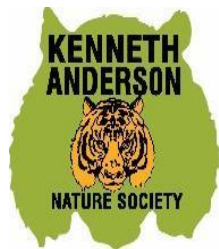
**9. Curriculum Outline:** *The following outline serves as a foundational framework. It will be adapted and refined to align with the Tamil Nadu syllabus and specific classroom needs based on teacher consultations.*

**A. For Classes 7-9 (Based on Wipro Paryavran Mitra, WWF Mission Prakriti & Palluyir Trust materials):**

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Session #	Theme	Potential Activities & Topics
<b>Module 1: Biodiversity</b>		
1-2	Introduction to Biodiversity	Campus biodiversity mapping, creating a field journal, identifying 5 common trees and birds.
3-4	Insects, Pollinators & Webs	Building a bug hotel, observing pollinators in the school garden, food web games.
<b>Module 2: Water</b>		
5-6	Water Around Us	Mapping water sources in school, water audit, building a simple water filter.
7-8	Water Conservation	Understanding the school's water footprint, designing water-saving posters, rainwater harvesting concepts.
<b>Module 3: Waste</b>		
9-10	Understanding Our Waste	Waste audit of the school, learning waste segregation, understanding lifecycles of products.
11-12	From Waste to Wealth	Setting up a school composting unit, best-out-of-waste projects, session on reducing single-use plastics.

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**B. For Class 11 (Co-developed with Climate Thinker):** The curriculum will be more advanced, focusing on the science and socio-economic aspects of climate change.

- **Core Topics:** The Greenhouse Effect, Carbon Footprints, Global and Local Impacts of Climate Change, Renewable Energy, Climate Policy & Justice, and Sustainable Lifestyles.
- **Practical Work:** Using the Climate Lab to analyze weather data, conducting carbon footprint calculations for the school, and developing a School-Level Climate Action Plan.

**10. Monitoring & Evaluation:**

- **Baseline & Endline:** Pre and post-program assessments will be conducted using the NEAF framework to quantitatively and qualitatively measure changes in students' knowledge and attitudes.
- **Continuous Monitoring:** The Nature Educator will maintain session-wise reports, and student project work will be documented and evaluated periodically.

**11. Expected Outcomes:** By the end of the program, we expect:

- A measurable increase in students' knowledge and awareness of local biodiversity, water conservation, and waste management principles.
- The establishment of functional, student-managed greening projects (such as kitchen gardens or compost units) in participating schools.
- A positive shift towards sustainable practices, including improved waste segregation and recycling within the school campuses.
- The development of a cohort of student leaders ("Climate Champions") equipped and motivated to lead environmental initiatives in their schools and communities.
- The creation of a comprehensive "School Climate Action Plan" by Class 11 students, demonstrating their ability to apply their learning to real-world scenarios.

**12. Funding & Resources:** This initiative is fully funded by the Kenneth Anderson Nature Society (KANS), which includes the salary for a full-time Nature Educator and material costs for the activities. Climate Thinker will contribute expertise on setting up the Climate Labs.