



School Vegetable Garden and Composting-Phase 1

Project Title: Harit Srijan – Beej Se Seekh Tak

Project Journey – A Three-Year Initiative

The School Vegetable Garden and Composting Project is a continuing school initiative that has been developed over the past three years. Each year, students have participated in gardening, composting, maintenance and related learning activities.

The current academic year builds upon the experiences and learning from the previous years. Earlier photographs, records and observations provide evidence of the project's development and continuity.

Project Timeline:

2024–25

☛ Project Initiation



2025–26

☛ Development & Student Participation



2026–27

☛ Expansion, Documentation & Data Collection



December 2026

☛ Final Outcomes & Impact



Current Project Background

Building on the success of the past three years, the School Vegetable Garden & Composting Project continues to engage students in sustainable land use, waste management, and hands-on environmental education.

- **What the project is:** School initiative continues with its active vegetable garden and integrated composting system to advance campus sustainability and practical ecological learning.
- **When it started:** Building on three years of groundwork, the current phase was launched at the start of Phase 1 during the 2026–27 academic year as part of a 12-week structured implementation journey.
- **Why it was undertaken:** To continue bridging theoretical science and environmental concepts with real-world application, encourage healthy habits, and transform organic school waste into nutrient-rich resources.
- **Who is involved:** Students across multiple grade levels, teaching staff, facilities personnel, and the broader school community collaborating in defined functional roles.





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Project Rationale

This project addresses critical environmental, educational, and nutritional needs within the school community:

- **Vegetable Gardening:** Provides students with direct experience in food production, plant science, and agriculture.
- **Composting:** Establishes an on-site system for organic waste reduction, demonstrating resource recovery and circular waste management.
- **Sustainable Food Production & Waste Reduction:** Directly supports soil health improvement and diverts food and green waste away from external waste streams.
- **Ecology & Nutrition Learning:** Serves as an outdoor laboratory where students explore soil ecology, plant biology, environmental ethics, and personal nutrition.



Project Objectives

The key objectives approved for Phase 1 include:

1. Improve overall soil health using organic amendments produced on-site.
2. Significantly reduce school food and organic green waste through active composting.
3. Deliver practical education on ecology, soil systems, and nutrition through experiential learning activities.
4. Establish and maintain a structured 12-week workflow encompassing planning, site assessment, design, planting, data collection, and community involvement.

Project Vision

The overriding vision maps the continuous cycle of ecological sustainability and practical learning:





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Project at a Glance

The following executive dashboard provides a summary of the current project framework, timeline, and key operational parameters:

Parameter	Project Details
Project Title	School Vegetable Garden & Composting Project
Implementation Phase	Phase 1 (12-Week Initial Journey)
Academic Year	2026–27
Core Deliverables	Garden bed setup, composting system, data monitoring logs, student reflection & participation records.
Target Outcomes	Waste reduction, active vegetable crops, enhanced student learning, soil improvement.