

GARDENING



How do we identify the starting points of our students?

- 1. What do they know about Gardening?
- What Knowledge do they have?
- 3. What previous gardening experience do they have?
- 4. what aspects of gardening they curious about?
- Hands-on activities or simple tasks can also help gauge their skills and comfort level with basic gardening tasks.
- 6. Expressing their shared human experiences.



- Understand basic gardening principles and terminology.
- $\label{eq:continuous} \textbf{2.} \quad \text{Demonstrate} \, \text{knowledge} \, \text{of} \, \text{plant} \, \text{growth} \, \text{cycles} \\ \text{and} \, \text{requirements}.$
- 3. Identify common garden tools and their uses.
- Perform essential gardening tasks like planting, watering, weeding, and pruning.
- Recognise common pests and diseases and understand basic pest management strategies.
- Appreciate the importance of soil health and basic soil management practices.
- Plan and design a small garden or planting area.
- Demonstrate basic safety practices while
- Express enthusiasm for gardening and a willingness to continue learning and experimenting.

How do we assess and track progress?

Assessment Methods include:

- Observation: Watch students during gardening tasks to evaluate skills and understanding.
- 2. Hands-on Activities: Assess performance by assigning tasks like planting or pruning.
- Quizzes/Written logs: Test knowledge of gardening principles.
- Projects: Evaluate creativity and understanding through garden design or research projects.
- Self-Assessment/Reflection: Encourage students to evaluate progress and learning experiences.
- Peer Evaluation: Implement peer assessment based on set criteria
- Progress Tracking: Maintain records to monitor improvement in skills and understanding over time.

By using a variety of assessment methods, you can effectively track students' progress which is is recorded on Evidence of Learning



- Fundamental Gardening Principles and Practices: Students will grasp the basic concepts of gardening, including plant biology, care techniques, and garden maintenance.
- Practical Skills for Planting, Nurturing, and Maintaining Plants: They will learn hands-on skills such as planting seeds, watering, pruning, and pest management to ensure plant health and growth.
- Understanding of Soil Health and its Importance: supporting plant growth, how to assess soil health, and techniques for improving soil quality.
- Awareness of Common Pests, Diseases, and How to Manage Them: They will become familiar with common garden pests and diseases, as well as effective strategies for prevention and control.
- Ability to Plan and Design a Garden Space: Students will gain the knowledge and skills to plan and design garden layouts, considering factors such as sunlight, soil type, and plant compatibility.
- Appreciation for Nature and the Environment: Through gardening, students will develop a deeper appreciation for the natural world and the importance of biodiversity and sustainability.
- Confidence to Continue Exploring in Gardening: Ultimately students will feel empowered to continue their gardening journey, trying new techniques, plants, and projects with confidence and enthusiasm



- Hands-on Learning: Emphasising practical, experiential learning through activities like planting, watering, and harvesting.
- Environmental Awareness: Fostering an understanding of the connections between gardening, ecosystems, and sustainability.
- Critical Thinking: Encouraging students to analyse problems, make decisions, and adapt gardening practices based on observation and evidence.
- Creativity and Design: Exploring the artistic aspect of gardening through garden design, landscaping, and artistic expression with plants.
- Life Skills Development: Teaching skills such as responsibility, patience, and teamwork through gardening activities.
- Scientific Inquiry: Introducing scientific concepts such as plant biology, soil science, and ecology in a hands-on, practical context.
- Community Engagement: Providing opportunities for students to engage with their local community through gardening projects, partnerships, or outreach initiatives. Health and Wellness: Highlighting the physical and mental health benefits of gardening, including exercise, stress relief, and connection with

These threads weave together to create a comprehensive gardening curriculum that not only teaches practical gardening skills but also fosters holistic development and a deeper appreciation for nature and the environment.

How we uncover and respond to gaps in ` knowledge?

- Observational Assessment: Regularly assess students' gardening understanding and skills using diverse methods.
- 2. Feedback: Offer constructive feedback to help students identify areas for improvement.
- Support: Provide personalized assistance and resources to students struggling with specific gardening concepts.
- Targeted Instruction: Tailor teaching to address identified gaps through revisiting basics or offering extra practice.
- Differentiation: Accommodate diverse learning styles by providing varied experiences and support.
- Peer Learning: Encourage collaboration and knowledge sharing among students.
- 7. Reflection: Prompt students to reflect on their learning process to pinpoint areas needing more

How do we adapt our content to help our students know more?

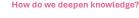
- Diverse Resources: Use various learning materials like videos, readings, and simulations to accommodate different learning styles.
- Real-world Connection: Relate gardening concepts to practical scenarios for better understanding.
- Interdisciplinary Integration: Combine gardening with other subjects to reinforce learning across disciplines.
- Project-based Learning: Engage students in real gardening challenges to foster inquiry and creativity.
- 5. Technology Integration: Utilize gardening apps and virtual reality to enhance learning experiences
- 6. Community Engagement: Encourage involvement in gardening initiatives and partnerships with local
- Differentiated Instruction: Tailor teaching to meet individual student needs & providing extra support.

By incorporating these strategies, educators can create a comprehensive and engaging learning environment that promotes understanding and appreciation of gardening among students.

How do we promote reading?

- Gardening Library: Books, magazines, and online resources covering plant care, garden design, and sustainability for easy student access.
- Assign Reading: Students reading on gardening topics, guiding them to suitable books and blogs.
- Integrate Reading: Include reading activities in gardening lessons, using passages from relevant literature to reinforce learning.
- Garden Journaling: Prompt students to maintain garden journals, connecting reading insights with hands-on experiences.
- In-house Teacher & TA Gardening insights: Shared with students, expands knowledge, inspires, and fosters lifelong appreciation for garden activities.





These strategies aim to create an immersive learning environment for gardening education:

- Hands-on Experience: Engage students in practical gardening activities for reinforcement and confidencebuilding.
- Exploration and Experimentation: Encourage curiosity and critical thinking by allowing students to try different techniques and observe outcomes.
- Research and Study: Deepen understanding through research projects and readings on gardening topics.
- Field Trips and Guest Speakers: Provide exposure to real-world practices and insights from experts.
- Problem-Solving Challenges: Develop analytical and creative skills by presenting gardening challenges for students to solve.
- Peer Learning and Collaboration: Foster collaboration and diverse perspectives through sharing experiences and tips.
- Reflection and Evaluation: Encourage self-assessment and learning from experiences to identify areas for growth.
- Continuous Learning Opportunities: Support ongoing learning outside the classroom with recommended resources and events.

These strategies collectively create a comprehensive and enriching learning experience, fostering both knowledge and appreciation for gardening among students.



- Repetition: Reinforce concepts through repeated
 practice in both theoretical & practical contexts.
- Hands-on Learning: Engage in practical gardening activities for memorable experiences.
- Visual Aids: Utilize diagrams and charts for better visualization of concepts (Garden mapping).
- Active Engagement: Promote participation in discussions and projects for deeper understanding.
- Interdisciplinary Connections: Relate gardening to other subjects for relevance.
- Reflection: Encourage students to reflect on their learning experiences.
- Peer Teaching: Allow students to teach each other to reinforce understanding.
- Review and Assessment: Conduct regular reviews and assessments for feedback.
- Application: Provide opportunities for real-world application of knowledge.

Incorporating these strategies fosters a deeper understanding and retention of gardening concepts among students.

