

Gardening Syllabus for Class 1 and 2 (2025-26)

Objectives:

- Foster a love for nature and gardening.
- Develop responsibility and patience through plant care.
- Enhance observation skills by engaging with plants and the environment.
- Introduce sustainable and eco-friendly gardening practices.

Class 1 Gardening Syllabus (Age: 6-7 years)

(Experiential, Play-based, and Hands-on Learning Approach)

1. April 2025 – Introduction to Gardening

- Understanding what a garden is and why plants are important.
- Basic gardening tools: Names, uses, and safety measures.
- Exploring the school garden: Observing different plants, trees, flowers, and insects.
- Storytelling session on plants and trees.
- Simple activity: Collecting fallen leaves and making leaf art.

2. May-June 2025 – Seed Planting and Care

- Hands-on activity: Planting seeds in small pots (e.g., mustard, coriander, sunflower).
- Understanding what plants need to grow: Sunlight, air, water, and soil.
- Daily observation and watering of plants.
- Identifying common garden birds and insects.

3. July 2025 – Parts of a Plant and Growth Observation

- Learning about parts of a plant: Root, stem, leaves, flowers, fruits.
- Observing plant growth and keeping a **“Plant Diary”** with pictures and notes.
- Activity: Colouring and labelling a simple plant diagram.
- Practicing mindfulness in the garden (Listening to birds, touching soil, smelling flowers).

4. August 2025 – Importance of Watering and Caring for Plants

- Understanding overwatering and underwatering effects.
- Watering plants using watering cans and recycled bottles.
- Hands-on: Mulching with dried leaves to conserve water.
- Simple experiment: Growing a plant in soil vs. growing a plant in sand.

5. September 2025 – Discovering Seasonal Plants and Flowers

- Learning about seasonal vegetables, fruits, and flowers.
- Activity: Collecting leaves, twigs, and flowers to create a **nature collage**.
- Singing a song or poem on trees and nature.

6. October 2025 – Introduction to Composting (Zero Waste Gardening)

- What is compost? Why is it useful?
- Hands-on: Making compost using fruit peels, dried leaves, and kitchen waste.
- Observing earthworms in compost and learning about their role.
- Creating a small **“Green Corner”** in the classroom.

7. November 2025 – The Role of Insects and Pollinators

- Identifying garden insects: Butterflies, bees, ants, ladybugs.
- Discussing good vs. harmful insects.
- Making a **DIY butterfly feeder** using sugar water.
- Visiting a school garden or nursery.

8. December 2025 – Herbs and Their Uses

- Learning about common herbs like Tulsi, mint, and coriander.
- Smelling and touching different herbs.
- Hands-on: Planting and caring for herbs in small pots.
- Activity: Creating a **“My Garden” Scrapbook** with dried leaves and flowers.

9. January 2026 – Harvesting and Seed Collection

- Understanding when a plant is ready for harvesting.
- Collecting seeds from dried flowers and vegetables (e.g., marigold, tomato, brinjal).
- Packing seeds in envelopes and labelling them.
- Sharing the harvested plants with friends and teachers.

10. February-March 2026 – Recap and Celebration

- Revising all topics covered in the year.
- Organizing a **“Garden Fest”** where children showcase their plants.
- Storytelling: Sharing experiences of taking care of plants.
- Making a **Thank You Card** for nature and trees.

Class 2 Gardening Syllabus (Age: 7-8 years)

(Deeper Engagement, Observation, and Exploration Approach)

1. April 2025 – Understanding Different Types of Plants

- Difference between trees, shrubs, herbs, climbers, and creepers.
- Collecting different leaves and discussing their shapes, colours, and textures.
- Hands-on: **“Nature Walk”** in the school garden.

2. May-June 2025 – Soil and Planting Techniques

- Types of soil: Sand, clay, loam (touch and feel activity).
- Learning about **organic vs. chemical fertilizers**.
- Hands-on: Mixing soil and planting a **fast-growing vegetable (e.g., spinach, radish)**.
- **Garden Quiz** on plant care.

3. July 2025 – Understanding Plant Growth and Nutrients

- Why do plants need water, sunlight, and air?
- Observing differences between healthy and unhealthy plants.
- Experiment: Growing plants in sunlight vs. growing in shade.

4. August 2025 – Water Conservation in Gardening

- Importance of saving water in gardens.
- Hands-on: **Drip irrigation using plastic bottles**.
- Practicing watering plants efficiently.

5. September 2025 – Learning About Seasonal Crops

- Introduction to **Kharif and Rabi crops**.
- Identifying vegetables and fruits grown in different seasons.
- Visiting a **nearby farm or nursery** (if possible).

6. October 2025 – Composting and Recycling Waste

- Hands-on: Creating a **classroom compost bin**.
- Discussing biodegradable and non-biodegradable waste.
- Using old containers for **pot gardening**.

7. November 2025 – Beneficial Garden Creatures

- Identifying pollinators (bees, butterflies) and their role.
- Making a **bee-friendly flower patch**.
- Creating a **mini worm compost bin** (vermicomposting).

8. December 2025 – Medicinal Plants and Their Uses

- Recognizing medicinal plants (Neem, Tulsi, Aloe Vera).
- Growing small **medicinal plants in pots**.
- Activity: Making a **herbal tea using mint and Tulsi**.

9. January 2026 – Harvesting and Seed Saving

- Understanding crop cycles and seed dispersal.
- Harvesting plants grown in school gardens.
- **Seed Exchange Activity:** Exchanging seeds with classmates.

10. February-March 2026 – Reflection and Garden Fest

- Showcasing garden projects.
- Garden storytelling and sharing experiences.
- Distributing saplings to friends and family.
- **Closing Ceremony: “Gratitude to Nature”** – A small celebration with a tree plantation drive.

Assessment (Non-Formal and Play-Based)

- Observational skills: How well students care for plants.
- Participation in activities like planting, composting, watering, and seed-saving.
- Engagement in discussions and hands-on work.
- Creativity in making garden-related art and crafts.