

Class 9 - Skill Education

Kaushal Vikas

Rooftop Gardening

CBSE NOTES

Rooftop Gardening - Revision Guide

Revise faster with structured summaries, key points, and important ideas.



Personal AI Tutor for CBSE Classes 6-12 & NCERT Help

edzy is a personal AI tutor for CBSE and State Board students, with curriculum-aligned guidance, practice, revision, and study plans that adapt to each learner.

1. What is Rooftop Gardening?

Growing plants on rooftops to utilize space, improve air quality, and reduce heat.

2. Benefits of Rooftop Gardens.

They cool buildings, reduce air pollution, enhance aesthetics, and foster biodiversity.

3. Space Considerations.

Leave gaps for maintenance; ensure adequate sunlight for plant growth (5-6 hours daily).

4. Choosing Plants.

Select fast-growing plants with a life cycle of 2-3 months based on local climate.

5. Soil and Potting Mix Preparation.

Mix soil, compost, and perlite in a 1:1:1 ratio for lightweight, airy drainage.

6. Testing pH Levels.

Adjust pH to 6.5-7.0 using lime for acidity or sulphur for alkalinity in potting mix.



7. Drainage Management.

Ensure pots have drainage holes; use trays to collect excess water and prevent seepage.

8. Water Holding Capacity (WHC).

Calculate WHC to determine irrigation needs; ideal is 25% for potting mix weight.

9. Seed Germination Testing.

Test seeds for germination rate before planting to assure quality and viability.

10. Maintenance Routine.

Regularly check plants for pests, water stress, and other growth conditions for optimal yield.

11. Pest Management Methods.

Combine physical, chemical (organic pesticides), and biological controls to limit infestations.

12. Weed Control Techniques.

Use hand weeding, mulching (with organic materials), or chemical weederes when necessary.



13. Harvesting Techniques.

Harvest in the morning or evening; use scissors to avoid damaging plants and ensure freshness.

14. Storage Methods for Produce.

Wash and dry produce; use breathable containers to prolong freshness and avoid spoilage.

15. Packaging for Transport.

Wrap leafy greens in damp cloth; use ventilated boxes for fruits to prevent mold from moisture.

16. Safety Precautions.

Follow safety protocols when handling tools and materials to ensure safe gardening practices.

17. Structural Considerations.

Check roof strength; select lightweight materials and distribute weight evenly to avoid damage.

18. Using Recycled Materials.

Utilize old containers or materials to support sustainability in rooftop gardening.



19. Connecting with Nature.

Rooftop gardens help cultivate love for nature and offer habitats for diverse wildlife.

20. Design Tools Available.

Use CAD software or mobile apps to design layouts and assess sunlight distribution for gardening.

21. Common Plant Varieties.

Considerations include salad greens, herbs, and flowers suitable for limited growth space.



Study smart, not hard - with Edzy!

For Students

- Practice past papers to get exam-ready
- Study with a timer to stay focused
- Revise regularly to build long-term memory

For Teachers

- Use Edzy to share quizzes instantly with students
- Save time with ready-made teaching aids
- Simplify test prep with structured resources

Before You Sleep:

Quickly review important notes - it helps memory consolidation.

Download Edzy App

Discover why we're called India's largest learning platform.



Personal AI Tutor for CBSE Classes 6-12 & NCERT Help

edzy is a personal AI tutor for CBSE and State Board students, with curriculum-aligned guidance, practice, revision, and study plans that adapt to each learner.