



CYNTHIA SENIOR SECONDARY SCHOOL, HALDWANI

SUMMER VACATION BIOLOGY PROJECT

Class XI | Session 2026–27

GENERAL INSTRUCTIONS

- Grow one plant in a small pot/container and observe it for one month.
- Maintain neat work with proper headings and page numbers.
- Use labelled diagrams or photographs wherever possible.
- Students should be able to explain their observations.
- Submit after summer vacation.

PROJECT FORMAT / INDEX

1. Cover Page
2. Acknowledgement
3. Index
4. Introduction to the selected plant
5. Aim of the project
6. Materials Required
7. Scientific & Common Name of Plant
8. Method / Procedure of Planting
9. Hypothesis (expected growth before starting)
10. Date of sowing and germination
11. Weekly Observation Table (height, leaves, colour changes etc.)
12. Watering schedule & sunlight exposure
13. Type of soil used
14. Factors affecting growth (water, sunlight, temperature, nutrients)
15. Precautions Taken
16. Pictures / Diagrams
17. Results & Observations
18. Conclusion – What you learned
19. Applications in daily life / importance of plant
20. Bibliography / References
- 21.

SUGGESTED PLANTS

Methi, Coriander, Mustard, Moong, Chana, Spinach, Wheat, Tulsi, Mint, Bean plant, Pea plant.

MESSAGE TO STUDENTS

“Observation and patience are important in Biology. Learn from nature and record your findings scientifically.”