

Botany:
Apologia Curriculum
Grades 2-6
Course Syllabus
2026-2027

Course Objectives:

- Identify how plant structures are uniquely suited to their functions
- Describe the roles of roots, stems, leaves, flowers, fruits, and seeds and explain how these parts work together to support plant growth and survival
- Compare different types of plant reproduction, including seeds and spores
- Explain photosynthesis in age-appropriate terms
- Identify major groups of plants (flowering, non-flowering, trees, grasses, etc.) and observe similarities and differences among plants
- Conduct hands-on experiments and nature observations
- Develop curiosity, wonder, and responsibility toward God's creation

Course Components:

- Review of vocabulary and concepts read about at home.
- Hands-on investigations related to learning in class.
- Individual reading or audio (from textbook).
- Completion of various activities in the notebook journal: vocabulary activities, crossword puzzles etc.
- Science Fair completion related to Botany

This course is a survey course in the field of Science. The curriculum covers 14 chapters covering an introduction to botany, seeds, flowers, pollination, fruits, leaves, as well as the roots and stems of plants. There is a section on food production, with one lesson dedicated to gardening, including how to build a raised garden. Finally we will end the year with an introduction to mycology (the study of fungi).

Course Materials:

- One Inch Three Ring Binder (must be easy to add or take things out) - used for storing labs, group activity pages, and tests.
- Apologia's Botany Notebook Journal
 - [Link to Journal](#)
- Apologia's Botany Textbook
 - [Link to Book](#)