

**Botany:**  
Apologia Curriculum  
*Grades K/1*  
Course Syllabus  
2026-2027

Course Objectives:

- Identify how plant structures
- Describe the roles of roots, stems, leaves, flowers, fruits, and seeds
- 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.)
- 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 assigned at home.
- Plant research, flipbook, 3D model and presentation (work is to look age appropriate)

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 Textbook
  - [Link to Book](#)