

Botany:

Apologia Curriculum

Grades 3-6

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 including hands on projects, experiment record sheets, diagramming, and chapter comprehension guides.
- 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 and tend a garden. Finally we will also complete an introduction unit to mycology (the study of fungi).

Course Materials:

- One GREEN Folder - used for storing labs, group activity pages, etc.
- Koinonia Created Workbook - (\$20) - includes all project pages, lab record sheets, at home activities, and review questions for each chapter. This will be available at B2S Night and can be purchased then!
- Apologia's Botany Textbook
 - [Link to Book](#)

* We will NOT be going in order, please be sure to follow the course calendar (in their notebooks) for the order of study!