



Honors Agriscience

Agriscience is an introductory laboratory science course that prepares students for biology, subsequent science and agriculture courses, and postsecondary study. This course helps students understand the important role that agricultural science and technology plays in the twenty-first century. In addition, it serves as the first course for all programs of study in the Agriculture, Food, & Natural Resources cluster. Upon completion of this course, proficient students will be prepared for success in more advanced agriculture and science coursework. Standards in this course are aligned with Tennessee State Standards for English Language Arts & Literacy in Technical Subjects, Tennessee State Standards in Mathematics, and Tennessee state standards in Anatomy and Physiology, Biology I, Biology II, Chemistry I, Chemistry II, Environmental Science, Physical Science, Physics, and Physical World Concepts, as well as the National Agriculture, Food, & Natural Resources Career Cluster Content Standards. This course counts as a lab science credit toward graduation requirements.

GOALS AND OBJECTIVES

- Develop good habits, attitudes, judgments, and the ability to get along with others in a work environment.
- Create an understanding for the importance of the agricultural industry in it's entirety.
- Develop students comprehension of science and mathematics content through application in agriculture.
- Create a desire in students to seek additional skills and knowledge in a given area of interest.

COURSE OUTLINE

Topic/Subject	Time
The Circles of Agriculture Education	2 weeks
Communication Today	1 week
The Science of Agriculture	3 weeks
Biology in Agriculture	4 weeks
Plants and Animals	4 weeks
Mechanics in Agriculture	1 week
Looking Ahead	1 week
Supervised Agriculture Experience and FFA	Ongoing
Capstone Agriscience Project	Ongoing

GRADING PROCEDURE:

- Participation/ Lab Sheets – 40%
- Test and Projects – 35%
- Notebook/Journal – 15%
- Supervised Ag. Experience (AET) – 10%

REQUIRED MATERIAL:

- 3-Ring Binder (2")
- 8 Tab Dividers
- Paper and writing utensils
- Proper/Safe clothing for Labs (shop/greenhouse/livestock facility)

THINGS TO REMEMBER:

- FFA membership - \$20
- You can earn extra-credit points on a situational bases
- Safety Violations can cost you lab privileges
- Don't be scared to ask
- Learn, have fun, and do what's right