

Agriculture, Food & Natural Resources 2022-2023

ALL 1ST YEAR AG STUDENTS GRADES 9-12

Principles of Agriculture, Food & Natural Resources

- ⇒ First class—*Prerequisite*—of all AFNR Programs of Study
- ⇒ Intended for 9th Grade students - True FFA Greenhand
- ⇒ Introduction to co-curricular events of FFA
- ⇒ Overview of all Programs of Study throughout the year



Agribusiness Sequence—FFA Leadership & Judging Teams

- ⇒ 10th Grade - **Professional Standards in Agribusiness** (1 semester); AND **Professional Communications** (1 semester)
- ⇒ 11th Grade - **Agribusiness Management & Marketing**
- ⇒ 12th Grade - **Agricultural Leadership, Research and Communications**

FFA Events:

Parliamentary Procedure	Veterinary Medical Applications	Talent Contest
Creed Speaking	Poultry Judging	Prepared Public Speaking
Public Relations	Meat Evaluation	Extemporaneous (Impromptu) Speaking
Radio Broadcasting	Dairy Cattle Evaluation	Chapter, District, Area & State Officers
FFA Quiz	Ag-Science Fair	FFA Camps & Conventions

Applied Ag Engineering—Ag Mechanics/Welding Shop

- ⇒ 10th-12th Grade—1st Year Shop - **Agricultural Mechanics and Metal Technologies**
- ⇒ 11th & 12th Grade— **Agricultural Equipment Design & Fabrication**

Benefits:

Project Shows
Certifications: Welding, Safety

Career Connections:

Welding
Electrical
Engineering
Manufacturing

Animal Science

- ⇒ 10th-12th Grade—**Small Animal Production (Fall) & Equine Science (Spring)**
- ⇒ 12th Grade— **Advanced Animal Science** - Offered as “4th Science Credit”

Benefits:

4th Science Option for Ag
Animal Care
Livestock Production

Career Connections:

Animal Scientist
Veterinary Medicine
Animal Caretaker
Zookeeper
Animal Nutrition
Habitat Specialist

Food Science & Technology—Meat Processing Lab

- ⇒ 10th-12th Grade—1st Year - **Food Technology & Safety and Lab**

American Meat Science Assn.

Certifications:

Meat Evaluation
Food Safety & Science

Career Connections:

Meat Processing
Meat Inspection
Food Production Management
Agriculture Commodity Grader
Food Safety and Quality Specialist
Food Scientist