

## CFISD Principles of Agriculture, Food, and Natural Resources

### Scope and Sequence

**Course Description:**

This course is an introductory class that prepares students for careers in agriculture, food, and natural resources. The emphasis is on career opportunities, personal development, globalization, industry standards, details, practices, and expectations.

- ◆ 1 credit, Grades 9 – 10
- ◆ Required of all 9th/10th graders wanting to take an Ag course
- ◆ Lab supplies or fee may be required.

TEKS

Programs of Study: Animal Science, Plant Science, Applied Ag Engineering, Environmental & Natural Resources

Cluster: Agriculture, Food, and Natural Resources

Endorsement: Business & Industry

- Meets advanced course requirement (Y/N): N
- Meets foundation requirement for math, science, fine arts, English, LOTE (Y/N-area): N

Industry Certification/Credentials: **Quality Counts Verification**

Instructional Units	Pacing
1 <sup>st</sup> Semester Supervised agricultural experience program as it relates to agriculture Historical, current, and future significance of the agriculture industry (FFA History) Agriculture leadership in organizations Agriculture, food, and natural resource systems at the local, state and national level	1 <sup>st</sup> Grading Period
Set up AET record book Research methods to agriculture, food and natural resources topics Global agriculture topics (markets, currency, trends, market factors and practices) Personal Communication Skills Employability characteristics of a successful employee <b>Quality Counts Verification</b> Program of Study Review (Discovery CTE digital notebook)	2 <sup>nd</sup> Grading Period
2 <sup>nd</sup> Semester Animal Systems Food products, food preservation and processing systems Environmental & Natural Resource Systems and wildlife ecology	3 <sup>rd</sup> Grading Period
Plant Systems Basic power, structural and technology system skills in agricultural applications Review and Test	4 <sup>th</sup> Grading Period

Primary Instructional Materials: Principles of Agriculture, Food, and Natural Resources by Goodheart-Wilcox Company; Quality Counts Verification; FFA Manual, Parliamentary Guide for FFA by Dr. Jarrell D. Gray