



Golden Triangle Cooperative

Standards for

MIDDLE SCHOOL AGRICULTURAL EDUCATION CURRICULUM SECOND SEMESTER or 8th Grade

AREAS	Total Days	Percent	Days	UNITS
Food and Fiber Systems	40	44%	5 15 10 5 5	Consumer Education Plant and Animals Processes in Relation to the Environment Natural Resource Agricultural Heritage Agricultural Policy
Agricultural Mechanics Systems	30	33%	20 10	Materials and Processing Tractor Safety and Operations
Agricultural Leadership	20	22%	7 8 5	Career Choices Life Skills FFA

Food & Fiber Systems- 40 days

Consumer Education - 5 days:

Upon completion this unit, the student should be able to:

Identify value added processes for agricultural commodities.

Identify agricultural retail commodities terminology.

Appraise the factors which determine the cost of retail foods.

Plant and Animal Processes in Relation to the Environment - 15 days:

Upon completion of this unit, the student should be able to:

Recognize and discuss the effect of livestock on the environment.

Distinguish between classes of livestock.

Identify terms associated with livestock selection and evaluation.

Identify terms associated with plant growth and development.

Recognize and discuss the relationship of plants to the environment.

Distinguish between classes of plants.

Natural Resources - 10 days:

Upon completion of this unit, the student should be able to:

Differentiate between renewable and non-renewable resources.

Identify the importance of conserving natural resources.

Recognize and discuss ecosystems.

Describe the effects wildlife have on agriculture.

Describe the conservation practices common to agriculture.

Agricultural Heritage - 5 days:

Upon completion of this unit, the student should be able to:

Discuss the progression of agriculture in the United States.

Describe how agriculture has played an important role in shaping history.

Agricultural Policy - 5 days:

Upon completion of this unit, the student should be able to:

Compare and contrast public perception vs. agricultural policy.

Describe how agricultural policy affects society.

Agricultural Mechanics Systems- 30 days

Materials and Processing - 20 days:

Upon completion of this unit, the student should be able to:

Design, construct and market a metal product using mass production.

Validate the importance of teamwork toward product completion.

Assess quality control factors.

Appraise individual contribution toward product completion.

Identify tools and describe their function related to metals.

Tractor Safety and Operations - 10 days:

Upon completion of this unit, the student should be able to:

Demonstrate safe operation of a tractor.

Demonstrate proper maintenance of a tractor.

Identify equipment and describe their function.

Agricultural Leadership- 20 days

Career Choices - 7 days:

Upon completion of this unit, the student should be able to:

Analyze career opportunities in agriculture.

Identify the main categories of job classifications.

Interpret job descriptions and qualifications.

List and describe conditions that affect the work environment.

Develop and evaluate a S.A.E. plan.

Life Skills - 8 days:

Upon completion of this unit, the student should be able to:

Describe the benefits of good time management.

Analyze the use of time.

Develop a time management plan.

Demonstrate debate skills.

Develop appreciation for community support.

Develop lifelong financial practices.

FFA - 5 day:

Upon completion of this unit, the student should be able to:

Describe the relationship of S.A.E. to the FFA.

Define parliamentary procedure terminology.

Demonstrate proper procedures for organizing a meeting.