



UNIT 2
UNDERSTANDING
SAE

Supervised Agricultural Experience

- A. The purpose of the SAE is to gain work experience in agriculture and build life skills.
- B. SAE is a project completed outside of class time that deals with any division of agriculture:
 - 1. Plants
 - 2. Animals
 - 3. Agriculture Business
 - 4. Agriculture Based Science Experiments

Six Major Types of SAE

- Entrepreneurship
- Experimental
- Analytical
- Placement
- Exploratory
- Improvement

Entrepreneurship

Planning, implementing, operating, and assuming financial risks in an agricultural business or farming activity.

Entrepreneurship

Examples:

- Raising plants to sell
- Owning a lawn maintenance business
- Owning a farm supply store

Entrepreneurship

Record Book:

- Type of enterprise
- Amount of items bought or sold
- Expenses
- Income
- Efficiency factors
- Etc

Experimental

Planning and conducting an agricultural experiment using the scientific process or scientific method.

Experimental

Examples:

- Comparing different fertilizer rates on plants

Experimental

Record Book:

- Review of literature
- Hypothesis
- Data log
- Findings
- Recommendations
- Etc

Analytical

Identifying an agricultural problem that cannot be solved by experiments. It does include designing a plan to investigate and analyze the problem.

Analytical

Examples:

- Making a marketing display

Analytical

Record Book:

- Title of activity
- Identification of problem
- Background information
- Steps to solve problem
- Project log of what was done
- Results and recommendations

Placement

Placing students in jobs outside the regular classroom hours. They may be paid or unpaid work.

Placement

Examples:

- Working at a farm supply store
- At a local farm
- At a greenhouse
- For a landscape company

Placement

Record Book:

- Training agreement signed by the student, teacher, employer, and parent or guardian
- Record of work
- Hours
- Income (if any)

Exploratory

Helping students learn about agriculture and become aware of possible agricultural careers through short times spent observing, shadowing, or helping.

Exploratory

Examples:

- Attending a career day
- Interviewing a veterinarian
- Assisting a horse owner

Exploratory

Record Book:

- Date
- Activity
- Observation
- Comments
- Hours

Improvement

A series of activities that improves the value or appearance of the place of employment, school, home, or community; the efficiency of a business or an enterprise; or the living conditions of the family.

Improvement

Examples:

- Building a fence
- Computerizing records
- Remodeling a building
- Repairing equipment

Improvement

Record Book:

- Date started
- Date completed
- Improvement activity
- Steps or tasks involved in the project
- Hours
- Cost

Additions to an SAE

- A. Supplementary – performing one specific agricultural skill outside of normal class time.
 - 1. This skill is not related to the major SAE but is normally taught in an agricultural program, involves experimental learning, and contributes to the development of agricultural skills and knowledge on the part of the student.
 - 2. The activity is accomplished in less than a day and does not require a series of steps.
 - 3. Examples: pruning a tree, staking tomatoes, changing oil
 - 4. Record Book: date, supplementary activities, comments, hours

Why Should I Have an SAE?

- A. Develop job skills
- B. Earn money
- C. Win FFA awards
- D. Develop skills to start your own business
- E. Develop skills and knowledge that are helpful in college or work
- F. Learn about careers
- G. Keep accurate records
- H. Improve decision making skills