

Supervised Agricultural Experience (SAE) Project Outline

Name: _____ Class: _____

What is a SAE?

A practical application of classroom concepts designed to provide real-life experiences and develop skills in an agricultural related area. You will gain hands on training in record keeping, goal setting, planning and evaluating.

The four types of SAE's:

Exploratory- Experience the big picture of agriculture and its many related careers. Job shadowing is good for beginning students or those unsure about an interest area. Can also conduct a basic research paper for this type.

Research/Development- Conduct research using science process. Develop, plan, conduct, and analyze an experiment. Limitless possibilities.

Placement- Work for an agribusiness, laboratory, farm or ranch in the community. May be paid or done for the experience.

Entrepreneurship- Plan and operate an agricultural related business or enterprise.

Benefits of having an SAE:

You can: Explore Careers, Gain Experience, Earn Money, Improve Communication Skills, Develop Management Skills, Earn FFA Proficiencies and Awards! !

Potential SAE Topic Areas:

Ag Communication, Research, Ag Mechanics, Processing, Ag Sales, Production Agriculture, Service, Technology, Science, Floriculture, Management, Landscaping, Nursery, Outdoor Recreation, Home/Community Development, Turf, Forestry, Small Animal Care, Wildlife, Horticulture, Natural Resources, Animal Health, Job Placement, Ag Science Fair, and more!

* Any idea you can think of will fit into one of 47 FFA Proficiency Areas = Lots of Options & Possibilities!

This project is worth 20% of your class grade!

SAE Project Assignments:

1. Complete **SAE Plan** and turn it in for approval.
2. A minimum of **10 hours** outside of class must be spent on this project.
3. All projects **must include** a record of hours spend on the project.
4. Complete mid-trimester **progress report**.
5. Turn in/show six pictures of your SAE project.
6. All projects **must include** a half page summary/personal reflection about the project.
7. **Present** the project to the class. You must have a visual aid, outline and present for 3-5 minutes. Information to include in the presentation would be a project description, why you picked it, skills learned, goals attained, what would be changed and future plans.
8. Project should be handed in neat and professional. It should include (in the following order) cover page, project plan, mid-quarter progress report, record of hours, final presentation outline, and summary/personal reflection.
9. The final product (depends on project type). See back of page!

SAE Project Idea Suggestions and Products:

1. **Start your own business**- build and sell bird feeders, make and sell corsages, plant and sell blueberries, design and maintain websites
Product:
 - a. Develop a business plan- what is your service or product? How are you going to get started? What is your timeline for completion of each step? What is your target market? How are prices set?
 - b. Explain how your business has grown and developed.
2. **Conduct an experiment**- research plant fertilizers, compare effectiveness of fishing lures
Product:
 - a. Binder containing: Hypothesis- what do you expect to find out?, List of supplies needed, Keep a journal/log of data and results, Results- what is you find out?, Paper of Findings- Why did the experiment turn out the way it did? What would you change?
3. **Build/Design a Product**: birdhouse, a series of floral arrangements, sawhorse, hydroponic system
Product:
 - a. Design plan of product being made
 - b. List of Materials needed
 - c. Final product made- pictures or video, if it cannot be brought in
4. **Teach a topic to a group**: teach a 4-H club parliamentary procedure, set up a field trip for class
Product:
 - a. Outline of presentation or trip
 - b. Assignment for class if a field trip with a key.
 - c. Create a video, power point or poster of experience.
5. **Raise and care for an animal or plant**: plant and care for seeds, kitten
Product:
 - a. A 5 pg Paper containing basic needs of animal or plant, signs of health and signs of illness. Typed, double spaced in 12 pt. Times New Roman using at least 3 sources (with only one being from the internet) and have a bibliography at the end of paper.
6. **Report or Research Paper**: compare different colleges, research types of dogs, find out how to care for a saltwater aquarium
Product:
 - a. A 5 pg paper, typed, double spaced, in 12 pt Times New Roman using at least 3 sources (with only one being from the internet). Create a source page at end of report.
7. **Volunteer or Job Shadow**: volunteer at humane society or animal shelter, follow a career of interest
Product:
 - a. Turn in a journal of experience, documenting what you saw or did.
 - b. Create a portfolio, power point or video about the business and what happens there.
8. **Placement**: work at an agricultural related business like a farm, service provider or retail store
Product:
 - a. Include a list of responsibilities and objectives for working at the business.
 - b. Explain how your responsibilities have changed over the trimester or over time working there.
9. **Other**: any other ideas you have that do not fit into one of these categories can be used, speak with Mrs. Roesler to determine products due or other arrangements that need to be made.

Reminders:

- At the end of the trimester you will make a final presentation to the class about this project.
- At the same time you need to turn in a portfolio containing items completed for this project over the course of the trimester in a neat, professional manner. It should contain a cover page, the project plan, mid-trimester report, a record of hours, pictures, products needed for your particular SAE, final presentation outline and a summary/personal reflection (in that order).