SAE Project Outline

**(Supervised Agricultural Experience)**

# **NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Project due: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**What is a *Supervised Agricultural Experience* (SAE)?**

A project designed to encourage students to learn more about an area of interest to them in agriculture.

# SAE Information

1. Complete the SAE plan and turn it in for approval.
2. *Pick a topic / project that is of interest to you and will be enjoyable to complete!*
3. A minimum of **15 hours** outside of class must be spent on this project.
4. This project will make up **10%** of your grade.
5. Present the project to the class. You must have a **visual aid** and present for approximately **3 minutes**.
6. All projects must include a **record of hours** spent on the project on the forms located in this packet, as well as filling out all the forms provided.
7. All projects must include a **2+ paragraph summary / personal reflection** about the project and what was learned.
8. Pictures of the project are highly recommended, but not necessarily required.

# Potential SAE topic areas

* + Animal health - Animal Science
  + Ag. Mechanics - Biotechnology
  + Floriculture - Landscaping
  + Natural Resources - Plant Science
  + Wildlife - Any other topic related to Agriculture!

# SAE Project Idea Suggestions

1. ***Start your own business***

Examples: build and sell bird feeders, make and sell corsages, plant and sell blueberries, etc.

*Product:*

* + 1. Develop a business plan
       1. What are you going to sell? How are you going to get started? What is your timeline for completion of each step? How are you going to market your product? Who is your target market?
       2. Explain how your business has grown and developed.

**2. *Conduct an Experiment***

Examples: research plant fertilizers, compare the effectiveness of different fishing lures, etc.

*Product:*

1. Hypothesis – What do you expect to find out doing this experiment?
2. List of supplies needed.
3. Keep a journal / log of the experiment data and results.
4. Results – What did you find out?
5. Why do you think the experiment turned out the way it did?
6. What would you change about the experiment if you were to do it again?

***3. Build / Design a Product***

Examples: a birdhouse, a series of floral arrangements, sawhorse, design and plan a flower garden, etc.

*Product:*

1. Turn in what you built/designed and/or pictures of the final product and its construction. A video tape or power point presentation are also options.

***4. Teach a topic to a group***

Examples: teach a 4-H group how to use parliamentary procedure, set up and guide a feild trip to a greenhouse or dairy farm, etc.

1. A videotape, PowerPoint presentation or pictures of the experience.

*5.* ***Raise and care for an animal or plant***

***Product:***

1. Explain the basic needs of the animal or plant.
2. What are the signs of health?
3. What re the common illnesses or diseases?

*6.* ***Report/Research Project***

Examples: compare different colleges and choose one, types of dogs, how to care for a sale water aquarium, etc.

*Product:*

1. A 5 page paper, typed and double-spaced, 12 pt. Font
2. At least 3 different sources, *only one may be from the internet*

***7. Volunteer or Job Shadow***

Examples: Volunteer at a humane society, animal shelter, or other business. Job shadow at and agricultural business, horse barn, vet clinic, etc.

*Product:*

1. Keep a journal of the experience.
2. Provide information about the institution/business. Ex: create a videotape, PowerPoint presentation, or gather information into a binder.

**8. *Any other agriculture related project, talk to me (teacher) about your plan.***

## Plagiarism and Academic Dishonesty

Your SAE project should be a collection of your own research, findings, and conclusions. It should be written in your own words.

**Rule of Thumb –** *not more than* **20%** of an SAE project should contain information directly quoted from another source

***Always:***

Include a works cited and/or reference page in your SAE project.

Ask if you are unsure how to use and/or cite a reference.

**Avoid the following:**

**Plagiarism –** taking and using and idea, expression, plot, writing, invention, etc. from another person and using as one’s own

Copying information directly from another source (website, book, magazine, etc) without using quotations and citing the source.

Using information from another source and only changing a couple of words without citing the source.

**For more information and a summary of consequences:**

Refer to the school **Academic Dishonesty Policy** located in your school handbook.

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour \_\_\_\_\_\_\_\_\_\_\_\_\_ Teacher\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

S.A.E. PROJECT-

**Directions: Complete this form before starting your project.**

1. Select a project area (circle one)

Production (WI animals, diseases/management) Production (plants, diseases/management)

Placement (employment/work experience) Entrepreneurship (starting and owning a business )

Research (experiments, surveys, etc.) Improvement (environment, repair, construction)

Communications (video, radio, brochures) Horticulture (Landscape, Lawn or Gardening)

Exploration (kill development, interviews) Natural Resources(Wildlife, Forestry, Soils, etc.)

Aquaculture (growing fish or aquatic plants) Other

2. Describe your SAE project. (You may continue on the back if needed)

3. Outline the steps involved in completing your SAE.

a.

b.

c.

d.

4. Describe 3 goals you would like to achieve as a result of your SAE project.

a.

b.

c.

5. The final SAE project will include the following: (Circle all that apply)

PowerPoint Slide Show Science Fair Project Model

FFA Proficiency Application FFA State Degree Application Web page

Video and Script Business Plan Handbook

Invention/New product Surveys and results Charts & Graphs

Display Construction Plan and Project Research Paper

Other (describe)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**I have read the school academic dishonesty policy and understand plagiarism.**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

(Students Signature)

EXPLORATORY S.A.E. PROJECT

**Directions**: Fill this out at the completion of your SAE Project

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

S.A.E. / Job Location: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Circle S.A.E. project level: EXPLORATORY AGRI-SCIENCE PROJECT

ENTREPRENUERSHIP PLACEMENT

1. Describe how you became interested in this S.A.E. experience program.
2. What goal do you plan to achieve with your participation in this S.A.E. experience program.
3. List two skills, competencies, or knowledge items that you observed / experienced (a competency is defined as the ability or know-how to accomplish a task).

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| --- | --- | --- |
| **Date** | **Duties Performed or Witnessed That Pertain To Your SAE Project** | **Hours** |
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|  | TOTAL HOURS |  |

Expenses For Your Project:

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| --- | --- | --- |
| Date | Item (Amount & to who sold it to you for your project  (i.e. Wal-Mart, True Value, etc.) | Total Expense |
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|  | Total Expenses For Project |  |

Income: (From SAE & Non-SAE)

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| --- | --- | --- | --- |
| Date | Nature of Source (Customers, Grandma, other job | Amount Received | Put X if related to your SAE |
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TOTAL INCOME FROM SAE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

TOTAL INCOME, NOT FROM SAE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Comments:

Advisor Approval of S.A.E.: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Job Site Supervision Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_