



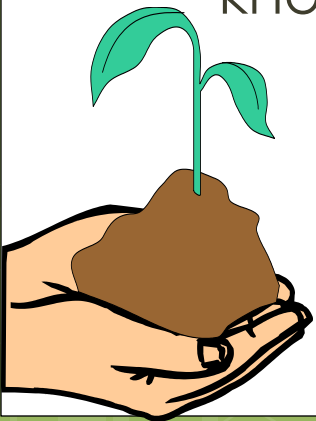
SAE Selection

AFNR-BAS-3

Explore, develop, and implement the Supervised Agricultural Experience (SAE) program by researching careers in agriculture and agribusiness.

What is an SAE?

- **S**upervised **A**gricultural **E**xperience (SAE)
 - consist of planned practical activities
 - conducted outside of class time
 - to gain experience in the real world, apply knowledge and skills, and learn responsibilities



How does an SAE help me?

- Develop skills that can be used in getting a job
- Provides the opportunity to make money
- Develops skills that can be used in starting your own business
- Helps development management skills and self-discipline

How does an SAE help me?

- Learn record keeping skills
- Improves analytical and decision making skills
- Teaches responsibility
- Provides the opportunity to explore possible careers

How does an SAE help me?

- Develops knowledge and skills that could be helpful in college, as a hobby or for recreation
- Provides the opportunity to win awards: FFA proficiency awards are based on the SAE program. In addition to winning awards, money can be won at regional, state and national levels

How does an SAE help me?

- FFA degrees are partially based on the SAE. You must have a SAE program to advance.
- In order to be a state or national officer, you first must have an advanced FFA degree which is partially based on SAE.
- Part of your grade in Agriculture class

Ask Yourself...

- Is it important that my program makes money? (Remember, it often takes money to start a money-making venture!)
- Do I have easy access to space for a large project such as an animal or plant program?
- Am I already doing something that would qualify as an SAE program? (Making leather belts, lawn service, etc.)
- Can I work with a relative or family friend on a project they are doing that qualifies?

Types of SAE programs

- Entrepreneurship
- Placement
- Research

Entrepreneurship

- develop a business or create your own project
- you invest time and/or money, buy your own materials,
- keep or sell the resulting project
- could be a service business
- keep the money you make



Entrepreneurship Examples:

- Grow and sell items for the farmer's market (raise bees, sell honey)
- Cutting and selling firewood
- Raising a livestock animal
- Run a horse training business
- Growing bedding plants in the school greenhouse
- Own and operate a lawn care service
- Operate a dog grooming service

Placement

- do agriculture-related work for someone
- provides a "learning by doing" environment
- keep track of hours and skills
- may be paid or unpaid
- outside of normal classroom



Placement Examples

- work in a florist shop
- work after school at a farm supply store
- volunteer at a vet's office
- put in time at the school greenhouse after school and on weekends and holidays
- have duties and responsibilities on a livestock farm
- do yard and landscape work for family or neighbors

Research

- plan and conduct a major agricultural experiment using the scientific process
- purpose of the experiment is to provide students "hands-on" experience in:
 - 1. Verifying, learning or demonstrating scientific principles in agriculture.
 - 2. Discovering new knowledge.
 - 3. Using the scientific process.



Research Examples

- Compare the effect of various planting media or fertilizers on plant growth
- Determine the impact of different levels of protein on fish growth
- Comparing three rooting hormones on root development
- Determining if time of feeding has an affect on animal growth

Research Examples, continued

- Analyzing the effectiveness of different display methods on plant sales in a garden center
- Demonstrating the impact of different levels of soil acidity on plant growth
- Determining the strength of welds using different welding methods



Things to Consider When Selecting Your SAE

**SUPERVISED
AGRICULTURAL
EXPERIENCE**



**S
A
E**

You have this
program all year!
(and potentially
more years)

Make sure you choose
something that will take more
than a couple hours

Example: cutting grass one
time is not extensive enough
but having a grass cutting
service is

You choose your project!

- Pick something you will enjoy... not something you are stuck with all year.
- If you are already working on something ag-related, consider expanding it.
- Is there a project (like livestock showing) you have been wanting to do?
- Has your parent been wanting something done at home? (garden planted, shed built)

Show Your Work

- You must complete a minimum number of hours – will your choice support that?
- You must have photos of you doing skills in your SAE – plan for it.

Competitive? Want to win money and awards?

- Consider a project in an SAE area that has fewer entries at the region and state level.
- Choose an Agriscience Fair Project and enter it in the Science Fair too.

Find Your Area of Interest

- Food Products and Processing Systems
- Plant Systems
- Animal Systems
- Power, Structural and Technical Systems
- Natural Resources Systems
- Environmental Services Systems
- Agribusiness Systems

Need ideas?

Ask your friends, family, and classmates.

Look online and read New Horizons for other SAE examples.

And remember...your SAE is just the beginning!



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