

Essential Elements Of A Supervised Agricultural Experience

An Introduction to SAEs and Project Types, the focus:

1. Essential Elements of an SAE
2. Types of SAE Opportunities with examples

Essential Elements Of An SAE

- An SAE is an important educational experience for all students in agricultural education. You are the LEADER of YOUR project
- SAEs are mainly experiences that help you build your future career plan
- An SAE is comprised of three essential elements:

1. Planning

2. Documenting

3. Annual
Summary &
Supervision

Your SAE



Planning Your SAE

I. Planning

A good plan includes:

1. An Introduction

- Project description/name, your interest, begin/end dates and other basic concepts

2. Needed resources for the project

- Planned time in excess of your normal classroom time
- Planned money or inventory (if needed)

3. Who will assist in your project (supervision)

4. Planned learning outcomes

- How does your project connect to common learning outcomes, which are connected to content taught in agricultural education courses



Documenting Your SAE

2. Documenting

SAE record keeping is an educational experience of tracking your investment of resources (time and possibly money) as well as measuring outcomes.

The elements of Documenting include:

- **Use of a record book** that encompasses SAE, FFA and educational experiences
- **Frequently recording entries** of time, and if related, monetary investment
- **Reporting to reflect on outcomes** and organizing records to aid in additional opportunities



Your Project Involves Supervision

3. Annual
Summary & Supervision

Supervision is the final essential element of an SAE and is very important for assessing your work and making new plans for the future.

The elements of Supervision include:

- You would review annual reports, records and develop an annual summary, which helps provide supervisors with information to access
- Assisting you in achieving project objectives
- Grading your SAE project plan, SAE records and SAE outcomes



Level (Types) Of SAE Opportunities

Choose a Focus Area for your SAE project:

1. **Individual** - is student and/or family supported and bears all of the risk and seeks returns (income or paycheck)
2. **School-based Enterprise** - is entrepreneurship in nature and the school manages the risk, but the enterprise is student managed in hopes of creating returns for the school and student(s)
3. **Service Learning Project** - is completed to provide a service to the school, public entity or community. This project must be a stand-alone project and not part of another activity.

NEXT? ...categories or types of SAEs help define your experience



Type Of SAE Opportunities - #1 Foundational (Exploration)

1. Foundational SAE (exploration):

- Designed as a **base project** to gain experience and is a grouping of experiences
- **Time is the key** invested resource
- This SAE **encourages immersion** into a more advanced SAE types (Placement, Research & Entrepreneurship)
- **Possibly** contributes to FFA awards (State specific)
- **Main focus**, projects that assist the student to reach their personal/career goals

Examples could include:

- *Career exploration or job shadowing,*
- *Attending an educational event (an artificial insemination clinic or welding certification event)*
- *Learning about gardening through a community garden project*



Type Of SAE Opportunities - #2 Research

2. Research SAE:

- Applies to using the scientific method to answer a **research question, analyze information or develop a new product** through invention
- Typically involves research and then develop a **report of results**
- **Time and potentially money** are invested resources related to AFNR content
- **Typically contributes** to State and National FFA awards

Examples could include:

- *Measure plant growth with varying light exposure (Experimentation)*
- *Measure student perceptions of biotechnology (Experimentation)*
- *Review water quality regulation and develop a summary (Analytical)*
- *Develop new equipment for smaller horsepower tractors (Invention)*



Type Of SAE Opportunities - #3 Placement

3. Placement SAE:

- **Paid or unpaid work experience** relating to aligned to national/state content standards
- If money is earned, the project is a **paid work-based experience**
- **Time is the invested resource** and learning is through work-experience
- **Typically contributes** to State and National FFA awards

Examples could include:

- *Working at school greenhouse*
- *Working at veterinary clinic caring for small animals*
- *A management internship at farm supply retailer*
- *Working at a family farm operation in production and equipment maintenance*



Type Of SAE Opportunities - #4 Entrepreneurship

4. Entrepreneurship SAE:

- A business and for-profit venture that relates to AFNR content areas
- Time & money are invested resources
- Must include **financial risk by the student**
- **Typically** Contributes to State and National FFA awards

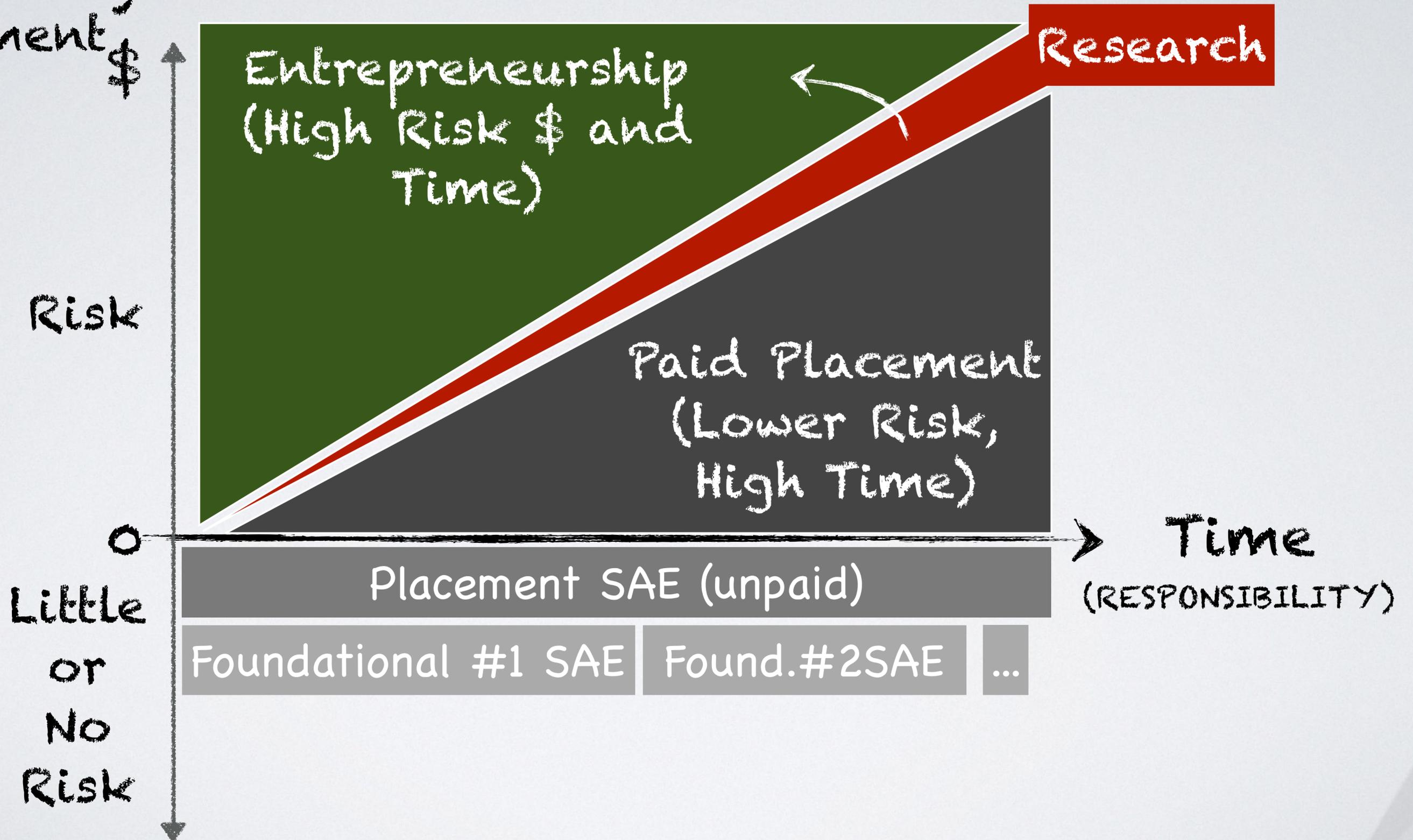
Examples could include:

- *Operate a feed sales business*
- *Operate a lawn care business*
- *Raise and sell a market animal at state fair*
- *Operate a breeding swine business*
- *Operate a farmers market business*



Resources Needed & SAE Opportunities

SAE Monetary Investment \$



Summary Of Essential Elements Of An SAE

An SAE requires:

1. Planning
 2. Documenting
 3. Supervision
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SAE Types involve:

1. Foundational (Exploration) - Gaining experiences
 2. Research - Learning through applying the scientific method, analyzing or inventing
 3. Placement - Learning through a job experience
 4. Entrepreneurship - Learning through a business experience through attempting to earn profit.
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Explore The
Details
Of Each SAE
To Learn More

