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SAE: An Introduction for Student & Parents

- **What is a Supervised Agricultural Experience (SAE)?**
- **What are the Killingly SAE Project Requirements?**
- **How will I keep SAE Records?**
- **How is my SAE graded?**

What is a Supervised Agricultural Experience (SAE)?

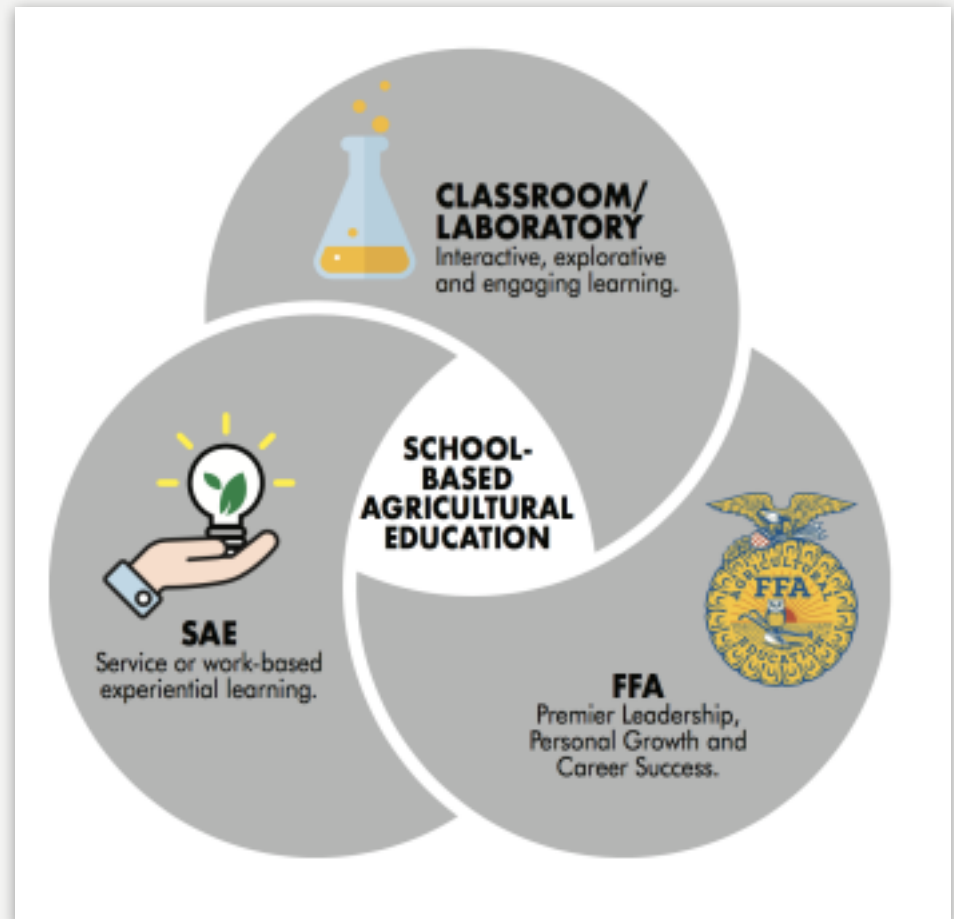
- A student-led project related to agriculture that you work on outside of class time.
 - ◆ Identifies measurable learning goals related to AFNR Standards and Career Ready Practices
 - ◆ Supervised by an agricultural teacher and supported by a parent (or other trusted adult)
- It is an opportunity for you to become involved your community, learn life skills and learn more about something you find interesting!

Supervised Agricultural Experience

SAE is one of the three essential components of all agriculture education programs.

Our goal is to support you so that you can graduate ready for college and/or the workforce.

A quality SAE project helps you get there!



SAE 'Road Map'



Foundational vs Immersion SAE Projects

FOUNDATIONAL

- Best place to start!
- Short term
- Structure is usually provided
- Focus on...
 - ◆ Career Exploration
 - ◆ Employability Skills
 - ◆ Financial Management
 - ◆ Workplace Safety
 - ◆ Ag Literacy

IMMERSION

- 'Traditional' SAE Projects
- Structure is provided by student and adult mentor/supervisor
- More directly connected to a career pathway
 - Animal Science
 - Plant Science
 - Ag Engineering
 - Environmental Science

All SAEs are Student Driven and Teacher/Parent/Mentor supported.

Focus on Foundational SAE

- A series of structured short-term projects.
- Students work independently on goals and project outcomes that are defined at the start.
- The goal is to help provide the skills necessary for a student to transition to an Immersion SAE.



Foundational
*Includes five required and
graded components as a
part of every course*

Career Exploration and Planning

Employability Skills for College and Career Readiness

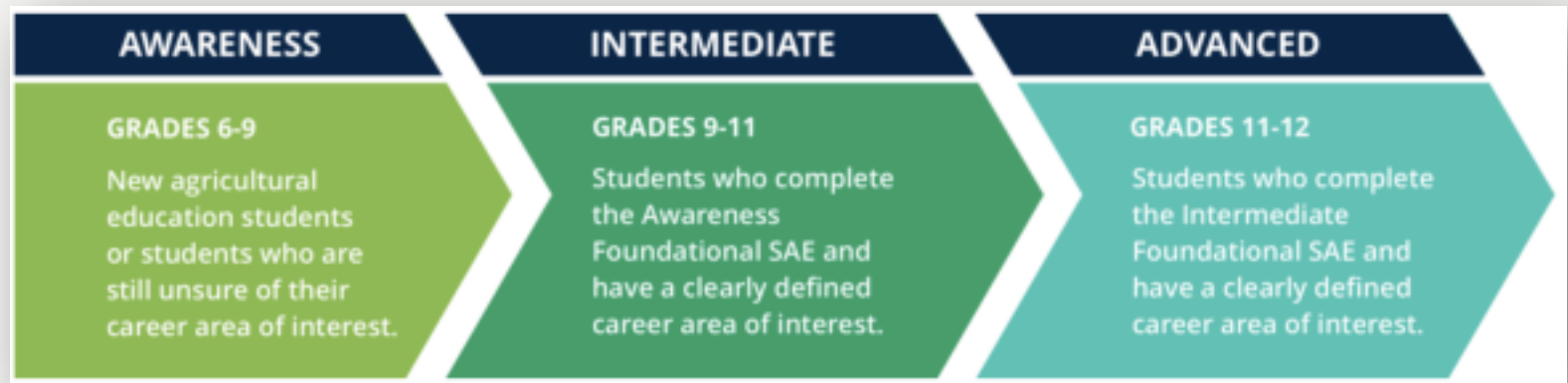
Personal Financial Management and Planning

Workplace Safety

Agricultural Literacy

*The Agricultural Literacy component of the Foundational SAE
may be transitioned to one or more Immersion SAEs.*

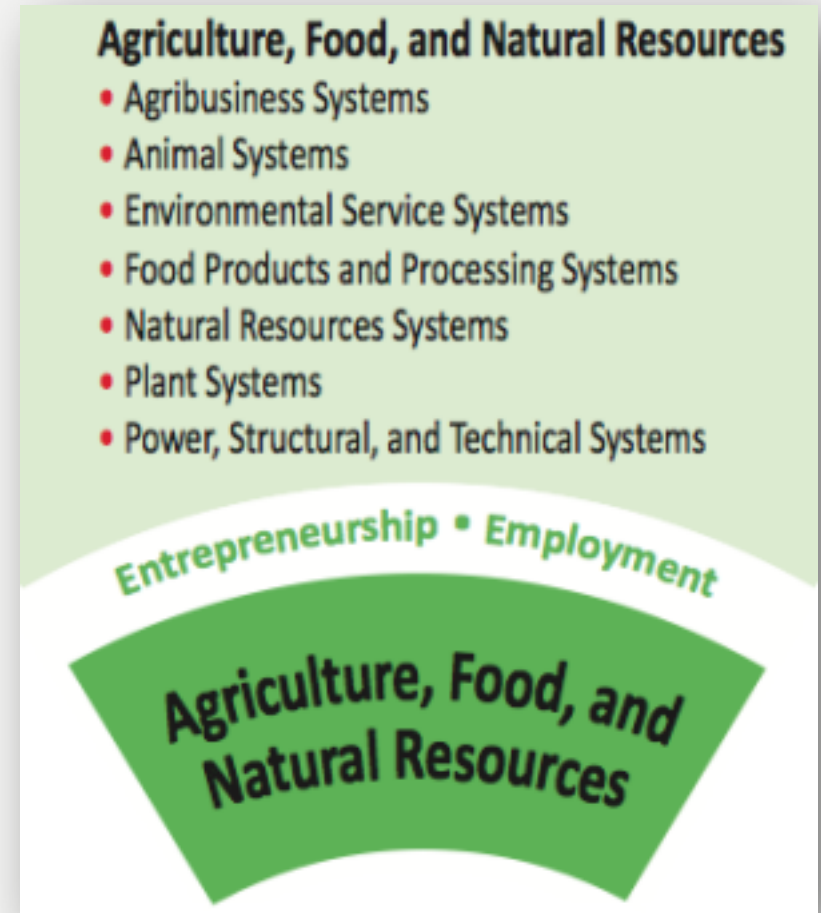
Foundational SAE Examples



- **SAE For All - Independent Learning Activities**
 - Interest inventories, career skill building and other planning activities
- **Teacher Developed Activities**
 - Lab or farm cleaning, maintenance or projects as defined by the teacher
- **Community Activities**
 - Envirothon, Guided Hikes, Project O, First Aid Training, etc.
- **FFA Events or Contests**
 - CDE's, LDE's, Chapter Activities, National FFA special projects, etc.
- **Home Improvement**
 - Yard care, clearing brush, removing invasive species, etc.

Focus on Immersion SAE

- Long term projects structured with learning goals by the student and an adult mentor.
- Focused on a specific career pathway or area of interest in the AFNR Industry
- Opportunity to develop this type of project varies with student age, interest, ability and access to resources.



Types of Immersion SAE Projects

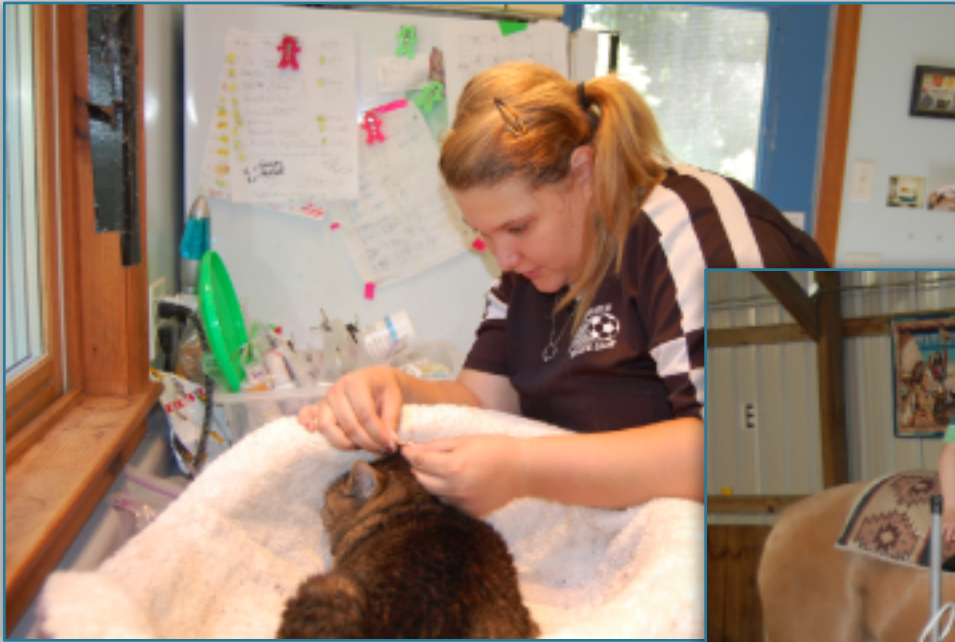
- **Placement**: Defined by the employer/employee relationship, students report to 'work' and are given responsibilities by a supervisor.
 - **Unpaid** = Volunteer at a non-profit agency
 - **Paid** = working as an employee at a farm or other agriculture-related business (all labor laws apply).
- **Entrepreneurship**: Developing a business where the intent is to sell an agricultural product or service.
 - Also applies to long term projects where the end goal is a salable product even if you don't intend to sell it.
- **Research**: Developing and conducting research using the scientific method to investigate an ag-related question.
- **Service Learning**: Long term projects that meet a community need but do not have a clearly defined employee/employer relationship.

Placement (Paid)



Paid placement projects include working for farms, florists, garden centers, greenhouses, veterinarians, pet stores, orchards and other agriculture-related businesses.

Placement (Unpaid Volunteer)



Projects include volunteering for animal shelters or other registered Not-For-Profit organizations.

Placement SAE & State Labor Laws

- Child labor laws will not allow you to ‘volunteer’ at for-profit businesses, you deserve to be paid in accordance with labor laws and cannot work in exchange for goods and services.
- When enrolled in an Agriculture Education program; it is allowable for students to legally work under the age of 16 with the proper waivers.
- Other rules and forms apply; see an Agriculture Teacher for more specific information.

Entrepreneur



Examples include raising livestock, selling eggs, canned goods, pet treats, cut flowers, fixing lawnmowers, gardening, etc.

**Entrepreneurship projects do not have to be profitable*

**Sometimes the result a project is that you create something of value but you don't intend to sell it (tractor restoration, garden vegetables, etc.)*

Agriscience Research



Students conduct an experiment following the scientific method with a plan, data collection and presentation of results. More information about the agri-science fair follow this link [Agriscience Fair](#). A version of the Agriscience Fair can be held at the local, district, state and national level.

Service Learning



Long term cooperative projects with a non-profit that do not have a clearly defined employee/employer relationship. Raising/training therapy animals or other service animals, water quality monitoring, park clean up, etc.

Hint for Success!

Some students develop multiple projects to accommodate their schedule, the seasons and their interests.



Raising
Chicks for
Sale

Lawn
Mowing
Business



Agriscience
Research
Project



Snow
Removal
for
Elderly
Neighbors

Job
Shadow



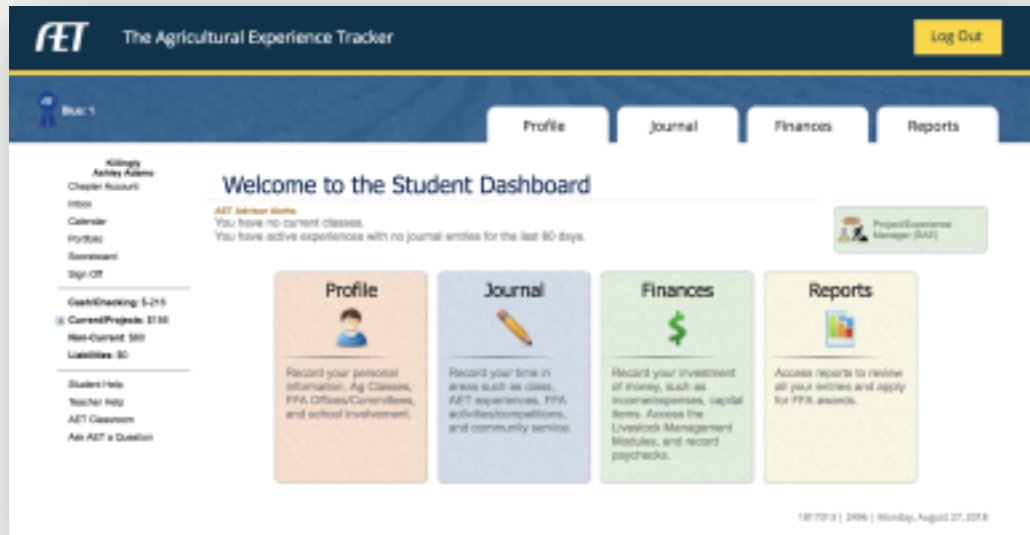
KILLINGLY SAE REQUIREMENTS

- ✓ The SAE project counts for 25% of the agriculture class grade beginning in the second quarter of the student's freshman year.
- ✓ Time investment should be approximately 2-3 hours per week or 25 hours per academic quarter.
- ✓ All SAE's require students to...
 - ✓ Set SMART goals
 - ✓ Keep Accurate Records
 - ✓ Learn new skills
 - ✓ Document with evidence
 - ✓ Reflect on your learning

Depending on the SAE project, other paperwork may be required; an Agriculture Teacher will help determine what is required.



KEEPING SAE RECORDS THE AGRICULTURAL EXPERIENCE TRACKER



Students receive instruction in class on how to log in and use AET.

Students and Parents can access AET with a computer or any other device connected to the internet

This tool is specifically designed for SAE project record keeping including plans, goals, hours, finances, skills learned, portfolio evidence and award applications.

Your SAE Project is Graded.

- A Quality SAE Project focuses on the student as a LEARNER. The student...
 - ✓ Sets challenging and realistic goals
 - ✓ Continually develops and practices new skills
 - ✓ Takes advantage of opportunities to learn and grow
 - ✓ Communicates with teachers and workplace mentors
 - ✓ Maintains accurate and detailed records
 - ✓ Meets the hourly requirements
 - ✓ Keeps all required paperwork and goals current
 - ✓ Documents the project (photographs, portfolios, etc.)
 - ✓ Demonstrates the ability to reflect on their learning

Grading Rubric

All SAE projects are evaluated using the same rubric; it requires

1. Approvable SAE plan
2. 3 measurable goals
3. Regular record keeping
4. Evidence of the project
5. Learning or practicing skills
6. Student self reflection

SAE Evaluation Rubric					
	Exemplary (10)	Goal (9-8)	Proficient (7-6)	Limited (5-3)	No Growth (2-0)
SAE Plan and Learning Objectives	Student maintains a complete and current SAE plan in AET for each SAE Project. The plan is detailed and includes realistic but challenging objectives that focus on growth and learning.	Student has completed and current SAE plans recorded in AET for most or all SAE projects. Learning objectives are recorded.	Student developed an approvable SAE plan but some sections are incomplete OR obviously not current.	Student developed a limited/incomplete SAE plan that lacks details, clarity, and/or appropriate learning objectives.	Student does not have an approved and current SAE plan recorded in AET.
Quality of Records	Journal and financial entries are all detailed, clearly and correctly recorded in AET in a timely manner; including hours.	Journal entries and financial entries are all recorded in AET clearly and logically.	Journal entries and financial entries are complete, but there are inaccuracies in the entries, and/or they lack detail.	Some journal and financial entries are inaccurate or incomplete.	Journal entries and financial entries are missing or largely incomplete.
Skill Development	Student documents through pictures, journal entries and SAE visits evidence of advanced skill development.	Student uses journal entries to show evidence of skills.	Student shows some evidence of skills.	Student shows little evidence of skills.	Student shows poor evidence of skills.
SAE Hours	Student vastly exceeds 25 hours this quarter.	Student meets or exceeds 25 hours this quarter.	Student recorded more than 15 hours this quarter.	Student recorded less than 15 hours this quarter.	Student did not record SAE hours this quarter.
Evidence, Documents and Photos	Student provides thorough evidence including 2 current <u>quality</u> dated and captioned photos of each SAE project.	Student provides adequate evidence of each SAE Project including at least two <u>quality</u> dated and captioned photos.	Student provides some photographic or electronic evidence uploaded to AET.	Some required documents, evidence or photos are not on file.	None of the required evidence, documents and photos are on file.
Student Reflection	Student demonstrates high levels of progress toward learning objectives, achievement and new learning.	Student demonstrates moderate progress toward learning objectives, achievement and new learning.	Student demonstrates some progress toward learning objectives, achievement and new learning.	Student demonstrates limited progress toward learning objectives, achievement and new learning.	Student demonstrates little or no progress toward learning objectives, achievement and new learning.
SAE Monitor Evaluation	Student has taken full advantage of opportunities and gained new knowledge and experience demonstrating exceptional effort, growth and rigor.	Student is taking advantage of opportunities to gain new knowledge and experience demonstrating effort, growth and rigor.	Student has taken advantage of some opportunities to gain new knowledge and experience demonstrating some effort and growth.	Student has taken limited advantage of opportunities presented; demonstrating little effort or growth.	Student has not taken advantage of opportunities and is not demonstrating growth.

Students who take advantage of this opportunity to the fullest are rewarded!

Earn Money and Scholarships

Recognized with Awards

Career Opportunities

Higher Academic Grades

Meet New People

Get Involved in Your Community

Life Skills that Prepare you for College and/or the
Workforce

SAE Resources

- **AET - The Ag Experience Tracker** <https://www.theaet.com/studenthelp>
 - ◆ This is the help page for using the Ag Experience Tracker. You don't have to be logged in to access it. It has pdf direction sheets and videos that describe how to use every aspect of this record keeping tool.
- **SAE Video Library** <https://www.ffa.org/ffa-video-center/sae-video-library/>
 - ◆ Short video clips describing award winning SAE projects from agricultural education students from throughout the country.
- **National FFA Youtube Channel - SAE Classroom Videos**
https://www.youtube.com/playlist?list=PLHF3eolGYW07H3btXb_Y2Mwspu0gyJP00
 - ◆ More SAE videos from award winning SAE projects throughout the country.
- **SAE For All Website** <https://saeforall.org/>
 - ◆ This is the website with all resources created by the National SAE for All Program. You can see all the student guides, example SAE projects and copies of all of the pre-developed foundational SAE activities.
- **Foundational Activities Shared Folder**
 - ◆ All students have access to a shared folder of foundational SAE activities and opportunities. Students can access and download these at any time.