

The Agricultural Experience Tracker (AET)

www.theaet.com

Getting Started

- Using your desktop browser go to www.theaet.com

On the left hand side of the webpage,
click on the yellow box labeled
'Student'

The AET

The Agricultural Experience Tracker

Student Help Teacher Help Explore SAE SAE Resources

Agricultural Education Online Recordkeeping System

The Agricultural Experience Tracker

About the AET:

- Meet the AET
- Giving Back
- Program Cost
- Subscribe

Free Tools:

- Calendars
- Practice AET

Please sign in:

Student

Teacher

Region

Welcome

The Agricultural Experience Tracker is the premiere personalized online system for tracking experiences in agricultural education. Please review the menu topics to learn how the AET tracks educational and financial experiences for students and ag programs. Like other systems, the AET summarizes those experiences into standard FFA award applications. The AET can also aggregate those experiences across programs to produce local reports for school administrators and overall economic impact reports for interested stakeholders and legislative representatives.

Have a cool SAE picture? Email us: info@theaet.com

Start of the greenhouse season, Sutherlin FFA, Oregon

545,556 Active Student Accounts

This week's top 50 Chapters:

Map Satellite

AET Announcements

- Twenty programs were selected for the first annual AET Program Improvement Grant (PIG). Recipients to were announced Sept 1 [here](#).
- Teachers, be sure to use the AET's Teacher Report section for reviewing student progress in FFA awards. You can add awards or review their progress. A new quick and easy function in AET.

Login Info

- AFSA's Chapter number is: MN0320 (Zero three two zero)
- Username: Student's first initial of their first name **capitalized** and last name with the first letter **capitalized**.
- Password: the default password is exactly the same as the username until the student changes it.

Example: John Smith



The Agricultural Experience Tr

Student HelpTeacher HelpExplore SAE SAE Res

About the AET:

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Please sign in:

Student Sign In

Chapter: <i>(for example: "TX0765")</i>	MN0320
Username:	JSmith
Password:	

Continue

Students - Help Signing In

- Contact your Teacher.
- Access AET from AgCN: sign in to ffa.org, then click "FFA Application Center"

What If I Forget My Password?

- If you forgot or misplaced your password, please contact your agriculture instructor and they will reset your password to the default password.



Step 1: Student Profile – About You



AET The Agricultural Experience Tracker

Profile Journal Finances Reports

Student Profile

About You

- Manage/Edit your personal profile and password
- Record your school Ag class schedule
- Manage your Resume information

Your Activities

- Develop your AET Experiences
- Enter your FFA offices
- Enter your FFA committee memberships
- JudgingCard event results

Your Interests

- Choose your agriculture career pathway
- Explore your educational and career interests

Traditional View

819806 | 5714 | WEDNESDAY, JANUARY 21, 2015

Step 1: Student Profile – About You

- Under Manage/Edit personal profile students are able to upload their picture (No Selfies!), change their password, enter contact info (Needed for State and American FFA Degree), and setup portfolio email address for emailing SAE pictures to their profile.

Step 1: Student Profile – About You

- Under the record Ag Class schedule students can select agriculture classes that they are taking/have previously taken.
- This information is needed for State and American FFA Degrees
- When choosing classes make sure to choose the correct year, trimester, teacher, and block you were enrolled in.

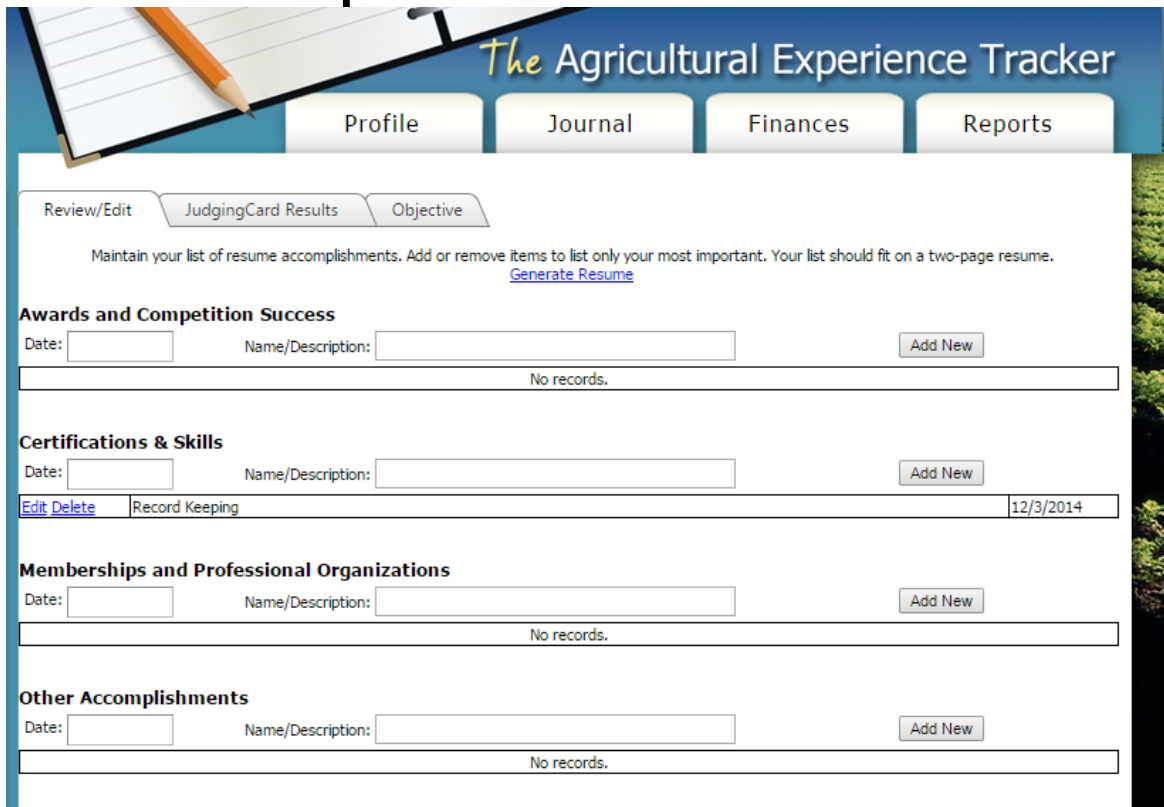
Cancel

All available classes are shown. Click "Add" to add this class to your schedule.

Class Name	Teacher	Start Date	Options
✓ - School Year: 2014-15			
Exploring FFA Tri 2 (2) Block	K Miron	12/2/2014	Add
Exploring FFA Tri 2 (4)	K Miron	12/2/2014	Add
Vet Science Tri 2 (1)	K Miron	12/2/2014	Add
Leadership (5)	K Miron	12/2/2014	Add
Introduction to Engineering (4)	J Pollock	12/2/2014	Add
Introduction to Agriculture Tri 2 (1)	J Pollock	12/2/2014	Add
Introduction to Agriculture Tri 2 (5)	J Pollock	12/2/2014	Add
Introduction to Agriculture Tri 1 (1)	K Miron	9/2/2014	Add
Introduction to Agriculture Tri 1 (2)	K Miron	9/2/2014	Add
Introduction to Agriculture Tri 1 (5)	K Miron	9/2/2014	Add
Metals and Welding (4)	K Miron	9/2/2014	Add
Nutrition (1)	J Pollock	9/2/2014	Add
Ag Structures (3)	J Pollock	9/2/2014	Add
Exploring FFA Tri 1 (5)	J Pollock	9/2/2014	Add
> - School Year: 2013-14			
> - School Year: 2012-13			
> - School Year: 2011-12			

Step 1: Student Profile – About You

- Under the Manage Resume section students are able to enter in information that they would like to put into their resume



The screenshot displays the 'The Agricultural Experience Tracker' web application. The top navigation bar includes 'Profile', 'Journal', 'Finances', and 'Reports'. The 'Profile' tab is active, showing sub-tabs for 'Review/Edit', 'JudgingCard Results', and 'Objective'. Below these is a text prompt: 'Maintain your list of resume accomplishments. Add or remove items to list only your most important. Your list should fit on a two-page resume.' with a 'Generate Resume' link. The form is divided into five sections: 'Awards and Competition Success', 'Certifications & Skills', 'Memberships and Professional Organizations', and 'Other Accomplishments'. Each section has a 'Date' field, a 'Name/Description' field, and an 'Add New' button. The 'Certifications & Skills' section is populated with one record: 'Record Keeping' dated '12/3/2014', with 'Edit Delete' links. The other sections show 'No records.'.

The Agricultural Experience Tracker

Profile Journal Finances Reports

Review/Edit JudgingCard Results Objective

Maintain your list of resume accomplishments. Add or remove items to list only your most important. Your list should fit on a two-page resume.
[Generate Resume](#)

Awards and Competition Success

Date: Name/Description:

No records.

Certifications & Skills

Date: Name/Description:

[Edit Delete](#) Record Keeping 12/3/2014

Memberships and Professional Organizations

Date: Name/Description:

No records.

Other Accomplishments

Date: Name/Description:

No records.

Step 2: Student Profile – Your Activities



The Agricultural Experience Tracker

Profile Journal Finances Reports

Academy for Sciences & Agriculture
Sample Student

[Inbox](#)
[Calendar](#)
[Portfolio](#)
[Scoreboard](#)
[Sign Off](#)

Cash/Checking: \$0
Current/Projects: \$0
Non-Current: \$0
Liabilities: \$0

[Student Help](#)
[Teacher Help](#)
[AET Classroom](#)
[Ask AET a Question](#)



Student Journal

Edit/Review Entries

-  Experience Manager (SAE)
-  Review your Journal entries

Your Time Entries

 Time in classroom activities	 Time in FFA office
 Time in your AET Experiences (SAEs)	 Time in FFA committees
 Time in your community service activities	 Time in competition activities
 Other Activities (Parliamentary law, ag-related speeches and non-ag time)	 Time in other FFA activities, such as stock shows, conventions, and meetings

[Traditional View](#)

1221914 | 5714 | TUESDAY, SEPTEMBER 5, 2017

Step 2: Student Profile – Your Activities

- This is the section where students will record all of their involvement in FFA and Agriculture activities.
- The most important section for most students will be creating their SAE Plan which can be done by clicking on 'Experience Manager'

Add a New Experience



The Academy for Sciences & Agriculture
Sample Student

[Inbox](#)
[Calendar](#)
[Portfolio](#)
[Scoreboard](#)
[Sign Off](#)

Cash/Checking: \$0
Current/Projects: \$0
Non-Current: \$0
Liabilities: \$0

[Student Help](#)
[Teacher Help](#)
[AET Classroom](#)
[Ask AET a Question](#)

The Agricultural Experience Tracker

[Profile](#) [Journal](#) [Finances](#) [Reports](#)

Student Journal

Edit/Review Entries

-  Experience Manager (SAE)
-  Review your Journal entries

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[Traditional View](#)

Adding a New Experience



Academy for Sciences &
Agriculture
Sample Student

Inbox
Calendar
Portfolio
Scoreboard
Sign Off

Cash/Checking: \$0
Current/Projects: \$0
Non-Current: \$0
Liabilities: \$0

Student Help
Teacher Help
AET Classroom
Ask AET a Question



The Agricultural Experience Tracker

[Profile](#)[Journal](#)[Finances](#)[Reports](#)

Experience Manager (SAE)

[Print All SAE Agreements](#)[Add New](#)[Return to AET](#)

[View Teacher SAE Assessments](#)
0 Unread Assessments

Project Planning			Records		Reflection	
Setup / Plan & Budget	Type	Project Name	# Financial	# Journal	Ending Value ?	Annual Summary
There are no existing experiences. Click "Add New" to create one.						
GRAND TOTAL			0	0	\$0 0 hrs	

Adding a New Experience

Add/Edit Experiences		
Unique #:	1998081	
Name: ?	Building and Selling Bluebird House	Enter a short descriptive name for this experience.
Level / Focus: ?	Individual	
SAE Type: ?	Exploration: ☐ Foundational	? Journal Only
	Agriscience: ☐ Research/Experimental	? Journal and Finances
	Job: ☐ Paid Placement ☐ Unpaid Placement	? Paychecks and Journal
	Business: ☒ Entrepreneurship/Ownership	? Journal and Finances
Primary Experience Category: ?	Power, Structural and Technical Systems	Explore this Category
Primary Subcategory:	Fabrication	
Category/Unit:	Construction/Building	
Management Module:	(None/General)	
Delete:	Click Here to start the process of deleting this Experience.	

Once the experience is created, click the pencil to add to the plan.



ProfileJournalFinancesReports

Experience Manager (SAE)

[Print All SAE Agreements](#)

Add NewReturn to AET

[View Teacher SAE Assessments](#)
0 Unread Assessments

Project Planning			Records		Reflection	
Setup / Plan & Budget	Type	Project Name	# Financial	# Journal	Ending Value ?	Annual Summary
    	EN - Fabrication	Building and Selling Bluebird Houses	 0	0	\$0.00	
GRAND TOTAL			0	0	\$0 0 hrs	

SAE Description

- Follow the example Description Outlined on the next slide.
- Minimum requirements include:
 - SAE Name
 - Area of Interest
 - Planned Dates
 - Description of SAE
 - Steps Involved in SAE:
- **Make sure to use proper grammar and complete sentences!!!**

SAE Description Example

Liabilities: \$0

Student Help
Teacher Help
AET Classroom
Ask AET a Question

Description

Time Investment

Financial Investment

Learning Objectives

Description and Overview of Your SAE – This is a summary of your SAE to help quickly share important aspects of your project. A few areas to consider:

A summary of the project (copy & paste into your plan to get started):

- My project is planned to start ____ and end on ____ . **this could be a short project (1-year or less) or represent a project that spans all your years in ag education)*
- My project has several goals that represent key areas of the project. Goal 1 is _____, goal 2 is _____ and etc... **this is to help share your goals for the project, which could be to earn money and/or gain experiences or person goals you have that relate.*
- _____ is assisting me with my project and helping me through _____ activities. **this relates to who is assisting you and how they are involved in supervising your project. This is likely your teacher, but could also be others such as parents or a supervisor.*
- In terms of project safety, important areas of safety include _____, _____, and _____. **this helps illustrate you have reviewed aspects of safety within your project. If you complete the following safety assessment, upload the completed form to your SAE portfolio. [SAY-assessment form link](#). More safety resources are [listed here](#).*

SAE Name: Building and Selling Birdhouses

Area of Interest: Fish and Wildlife of Minnesota

Planned Dates: 9/25/14-10/20/14

Description of SAE: For my SAE Project I plan to build and sell birdhouses to the local community at the Potato Hug in October.

Steps Involved in SAE:

1. I will first research the most common species of birds in the local area.
2. Next I will find a suitable plan for building birdhouses for one or more of the species I previously researched.
3. Using the birdhouse plan, I will calculate the cost of each birdhouse on Menards.com.
4. Based on the calculated cost of the birdhouse, I will set the sale price of the house.
5. I will purchase all necessary materials to build my birdhouses.
6. Next I will use purchased materials to assemble and finish the birdhouses

Time Investment

- Write a short paragraph explaining how much time you plan to spend on your SAE project per week and in total.
- Include any key dates that tasks need to be completed by.
- Also include a break-down of how much time each element of your project will take.

Time Investment Example

Save All & Return

Return to AET

Description

Time Investment

Financial Investment

Learning Objectives

Estimated Investment of Time – This is a plan for the time you are likely to invest in your project.

Describing time in your project may include (copy & paste into your plan):

- I usually spend ____ hours per week in ____ activities, ____ hours per week in ____ activities...)
- My project time varies from month to month, but common activities are ____, ____ and ____.
**this could be an approach when you really do not have key events, but rather activities vary from month to month.*
- Key dates or events in my project include ____, and ____, etc... **these could be dates when you begin your project, show dates, harvest dates or important evaluation times of your project. Be sure to identify key dates of the project that you lead a specific effort or make important decisions.*



B *I* U            "Times New ... 20px 

Time Commitment: I plan to spend a total of 18 hours on this project. Because I am busy with work and homework from other classes, I plan to spend about 4 hours per week on this project. My goal is to complete the construction of at least 10 birdhouses by the Potato Hug in Early October.

Break-Down of Time in this Project:

- Researching birds, suitable houses and cost: 2 hours
- Purchasing Materials: 1.5 Hours
- Preparing and Cutting materials for assembly: 3 hours
- Assembling and finishing the birdhouses: 3 hours
- Making sale advertisements for the Potato Hug: .5 hours
- Selling the birdhouses at the Potato Hug: 8 Hours

Financial Investment Example

- Include an estimated budget for your project
- Include your estimated income for the project
- Include any Non-Current or Capital Investment you plan on making. Ex: Purchasing a hammer to construct your birdhouse (the hammer is used for the project, but not sold as part of the house). If tools or equipment are borrowed, explain from where

Financial Investment Example



Estimated Expenses:

Lumber: \$46.00

Hardware: \$14.50

Stain: \$4.50

Sandpaper: \$3.50

Total: \$68.50

Estimated Income:

I plan on making 10 birdhouses from the materials listed above and I plan on selling them for \$10.00 each. If my estimations are correct, I will make a total of \$31.50 from this project.

Estimated Non-Current (Capital) Investment: During the first year of my SAE I do not plan to make any major capital investment. If my SAE Project goes well and I make a profit, I plan on using the money I make to purchase a cordless power drill and a circular saw. Because I will be borrowing all of the tools for this project from my grandfather, I have agreed to 'pay' him by shoveling his driveway this winter.

Learning Objectives

- Students should have at least 3 SMART Goals for their SAE Project.
- What are SMART Goals? Use this Link: [What are SMART Goals](#)
- After the project is complete, students should update the goals with outcomes of each goal.

Learning Objectives Example

DescriptionTime InvestmentFinancial InvestmentLearning Objectives

Project Learning Outcomes – This describes learning outcomes of your project, which are also skills you gain from your project. You may also want to list how your project connects to your courses in agricultural education.

SAE knowledge areas ([Click here](#)) - copy & paste to begin your plan areas that apply):

- From my project, I hope to gain knowledge and skills in _____, _____, _____ and _____. **this is where you could copy and paste SAE knowledge areas ([Click here](#)) that are common for each SAE or develop your own. You may also want to connect course content you have to related to your agricultural education classes.*



Goals I Would Like To Achieve:

1. I would like to gain at least 10 new woodworking skills by 9/30/2014.
2. I would like to construct and sell at least 10 birdhouses by the AFSA Potato Hug (10/4/2014)
3. I would like to generate at least \$20.00 in profit from the sale of my Birdhouses by 10/4/2014

Outcomes of My Goals:

1. I gained 12 new woodworking skills by 9/28/2014. Some of the skills I gained included: Proper use of a table saw, Proper use of a power drill, and Properly applying finish to completed Birdhouses.
2. I did not reach my goal of selling 10 birdhouses at the Potato Hug. I sold 8 birdhouses at the Potato Hug and 1 birdhouse to my agriculture teacher after the Potato Hug. The final birdhouse that I was unable to sell, I donated to the school.
3. I reached my goal of making a profit of \$20.00. I made \$21.50 off the sale of 9 birdhouses.

So I've Started My Project...What Next?

- Students are required to log at least 10 hours towards their SAE Project for each trimester that they are enrolled in an Agriculture Class.
- All hours should be entered in the AET under the 'Journal' tab under 'Time in your AET Experiences (SAEs)'

How to Make a Journal Entry



The screenshot shows the FFA Student Journal interface. At the top, there is a navigation bar with four tabs: 'Profile', 'Journal', 'Finances', and 'Reports'. The 'Journal' tab is highlighted with a red circle. Below the navigation bar, the title 'Student Journal' is displayed next to a pencil icon. The main content area is divided into two columns. The left column, titled 'Edit/Review Entries', contains two options: 'Experience Manager (SAE)' with a person and gear icon, and 'Review your Journal entries' with a pencil and gear icon. The right column, titled 'Your Time Entries', contains eight options arranged in two columns. The first option, 'Time in your AET Experiences (SAEs)', is highlighted with a red circle. The other options are: 'Time in classroom activities' (clock and books icon), 'Time in FFA office' (FFA emblem icon), 'Time in FFA committees' (FFA emblem icon), 'Time in your community service activities' (clock and building icon), 'Time in competition activities' (FFA emblem icon), and 'Time in other FFA activities, such as stock shows, conventions, and meetings' (FFA emblem and clock icon).

Profile Journal Finances Reports

 Student Journal

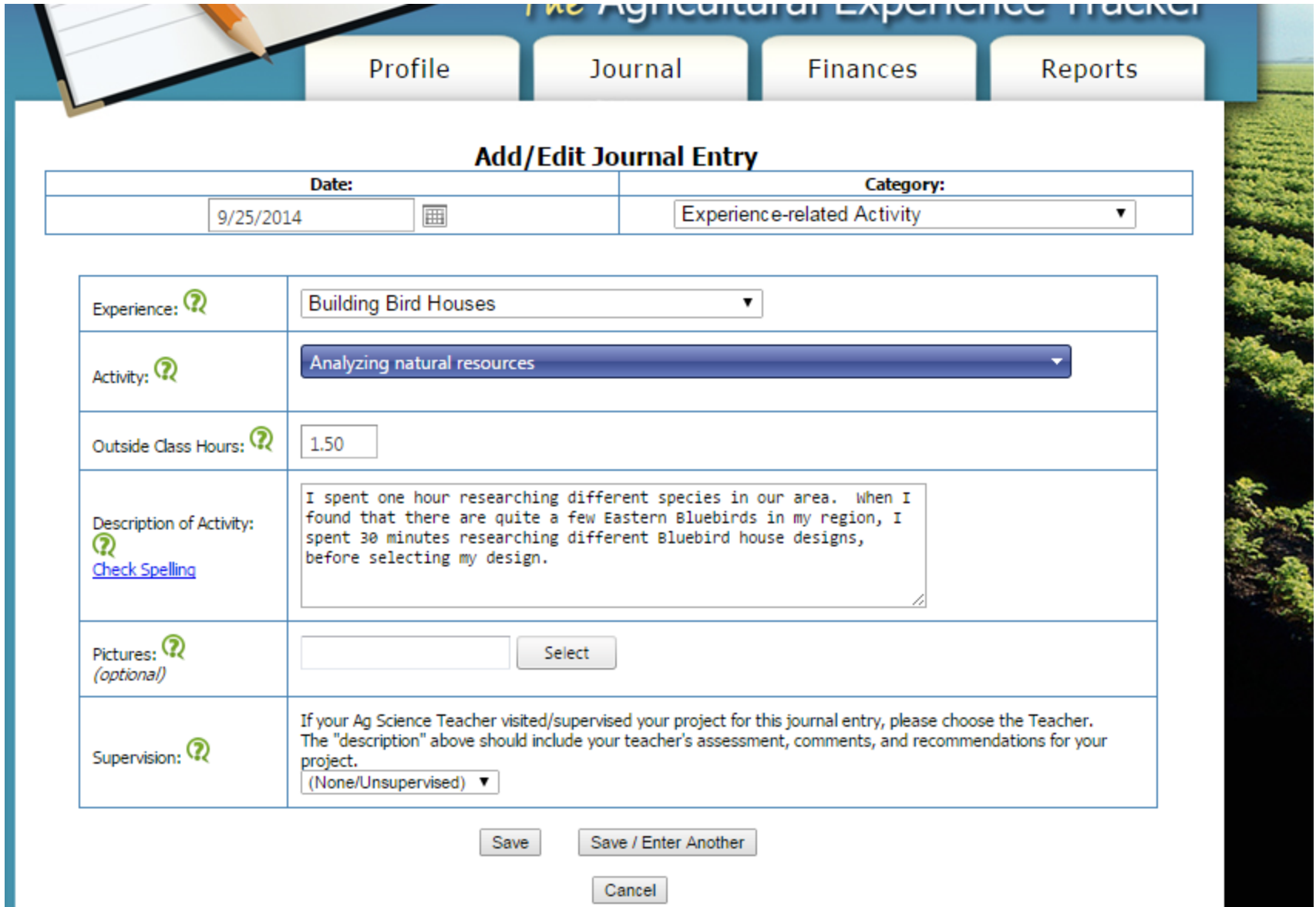
Edit/Review Entries

-  Experience Manager (SAE)
-  Review your Journal entries

Your Time Entries

-  Time in classroom activities
-  Time in FFA office
-  Time in your AET Experiences (SAEs)
-  Time in FFA committees
-  Time in your community service activities
-  Time in competition activities
-  Other Activities (Parliamentary law, ag-related speeches and non-ag time)
-  Time in other FFA activities, such as stock shows, conventions, and meetings

Journal Entry Example



The screenshot shows the 'Add/Edit Journal Entry' form in the Agricultural Experience Tracker. The form is divided into several sections with tabs for Profile, Journal, Finances, and Reports. The 'Journal' tab is active.

Add/Edit Journal Entry

Date:	Category:
9/25/2014	Experience-related Activity

Experience: ?	Building Bird Houses
Activity: ?	Analyzing natural resources
Outside Class Hours: ?	1.50
Description of Activity: ? Check Spelling	I spent one hour researching different species in our area. When I found that there are quite a few Eastern Bluebirds in my region, I spent 30 minutes researching different Bluebird house designs, before selecting my design.
Pictures: ? (optional)	Select
Supervision: ?	If your Ag Science Teacher visited/supervised your project for this journal entry, please choose the Teacher. The "description" above should include your teacher's assessment, comments, and recommendations for your project. (None/Unsupervised)

Buttons: Save, Save / Enter Another, Cancel

I Have Finished My Project. What Next?

- After the project is finished students need to:
 - Complete the Skills and Competencies page
 - Type a 1 page, double spaced summary of their experience
 - Create a visual presentation for the class on their project including pictures and what they gained as a result of the project
 - Give a verbal presentation of the project to the class.

Skills and Competencies Page

- In order to generate the Skills and Competencies page students will need to go to the 'Reports' tab and click on 'Degree/Application Manager'



Skills and Competencies Page

- Students should select 'Minnesota Degree Application' and 'Add New'.
- Students should click on 'Application'



[FFA Award Information](#) - complete your FFA information that automatically inserts into FFA award reports

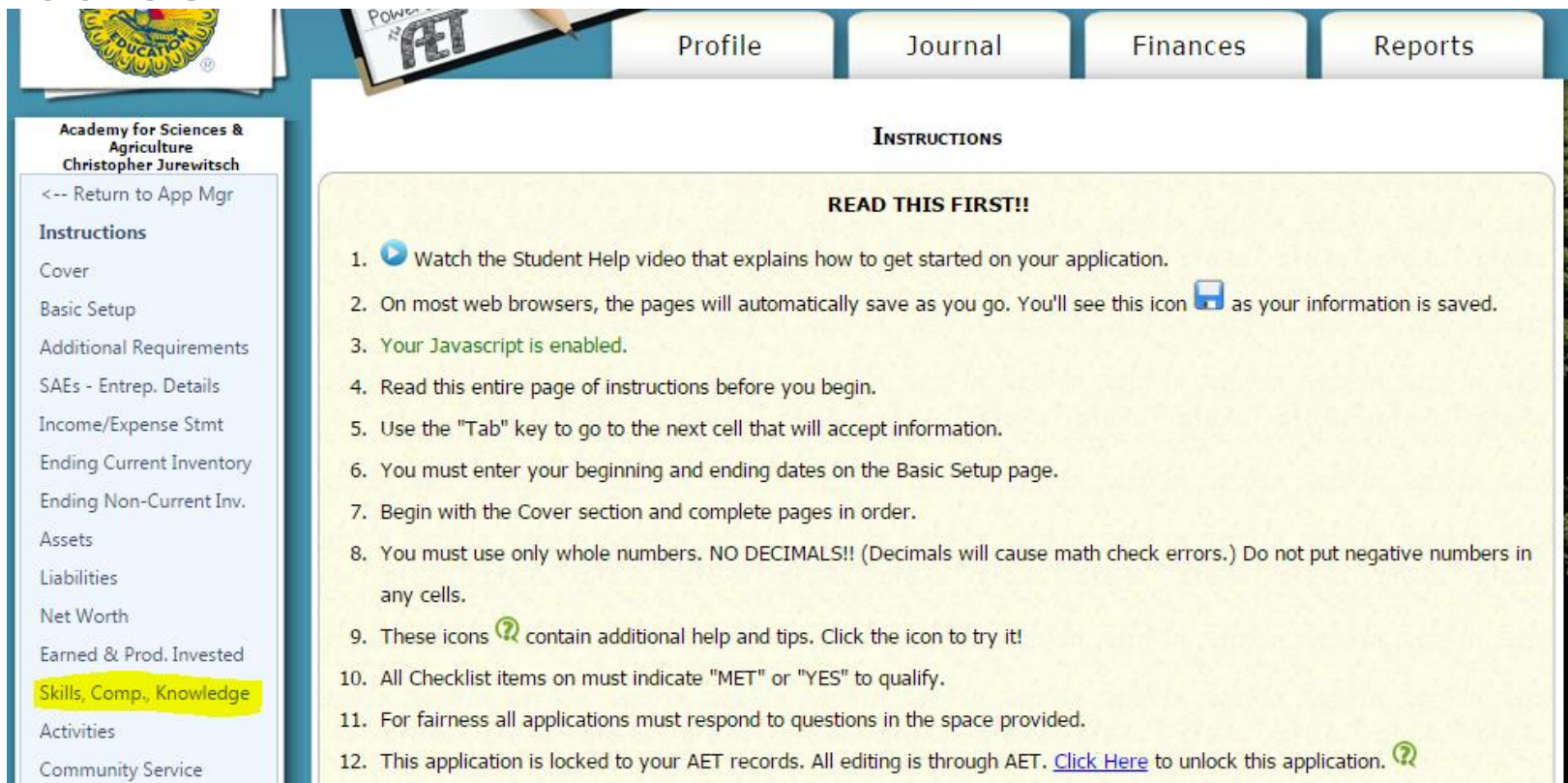
Minnesota Degree Application (2015) ▼

Add New

Generate/Edit Application	Unique #	Application Type	Date Created	
Application	168160	Minnesota Degree Application (2015)	1/30/2015	Delete

Skills and Competencies Page

- Next Students should click on 'Skills, Comp., Knowledge' on the left hand side of the screen.



Academy for Sciences & Agriculture
Christopher Jurewitsch

<-- Return to App Mgr

Instructions

- Cover
- Basic Setup
- Additional Requirements
- SAEs - Entrep. Details
- Income/Expense Stmt
- Ending Current Inventory
- Ending Non-Current Inv.
- Assets
- Liabilities
- Net Worth
- Earned & Prod. Invested
- Skills, Comp., Knowledge**
- Activities
- Community Service

INSTRUCTIONS

READ THIS FIRST!!

1. Watch the Student Help video that explains how to get started on your application.
2. On most web browsers, the pages will automatically save as you go. You'll see this icon  as your information is saved.
3. Your Javascript is enabled.
4. Read this entire page of instructions before you begin.
5. Use the "Tab" key to go to the next cell that will accept information.
6. You must enter your beginning and ending dates on the Basic Setup page.
7. Begin with the Cover section and complete pages in order.
8. You must use only whole numbers. NO DECIMALS!! (Decimals will cause math check errors.) Do not put negative numbers in any cells.
9. These icons  contain additional help and tips. Click the icon to try it!
10. All Checklist items on must indicate "MET" or "YES" to qualify.
11. For fairness all applications must respond to questions in the space provided.
12. This application is locked to your AET records. All editing is through AET. [Click Here](#) to unlock this application. 

Skills and Competencies Page

- Students should select AFNR Performance indicators that they demonstrated as a result of their SAE and provide an explanation of how the indicator contributed to their success in the project. Students must have 10 Skills/Competencies to receive full credit.

CS.08.03 Maintain tools for efficient use.

Maintaining sharp tools that are in good working order helped me in this project by safely completing the project, while producing a superior product.

Typed Summary and Visual Presentation

- The typed summary and visual presentation can be e-mailed or shared via Google Drive with your Ag teacher prior to the final week of the trimester.
- Mr. Pollock – jpollock@afsahighschool.com
- Mrs. Crowley – kcrowley@afsahighschool.com
- Ms. Norden – snorden@afsahighschool.com

Where Do I Find Additional Info

- To find additional information in relation to how SAE Projects are graded, please refer to the SAE Scoring Rubric Located under the SAE Tab of your Agriculture Class Website.

How Do I Learn More About The AET?

Click on the 'Student Help' tab on the left side of the AET Website.

