

AET Record Book Instructions

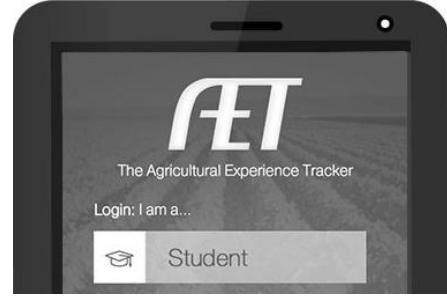
Go to: theaet.com

Login

Username: _____

Password: _____

Chapter ID: UT0101



Setup

- Click on "Journal"
- Click on "Experience Manager"
- Click on "Add New"
- Fill out the form. Name should be the name of your project, not your name.
- Click on "Save"
- Go back to "Experience Manager"
- Click on the pencil
- Fill out all of the tabs to complete your plan for your SAE (3-5 sentences per tab)

Money!

Add expenses or income (paychecks) related to your project:

- Click on Finances
- For a paycheck click on SAE paycheck (Placement)
- For all other expenses or income click on SAE Cash entries or non-SAE entries (Personal or educational)

Journals

For Journal Entries/Hours spent on your SAE:

- Click on Journal
- Click on Time Spent in your AET experience (SAEs)

Plan

Plan: To get Summer Ag. credit, you must keep track of your hours and finances, and do the following:

- Click on Journal
- Click on Project/Experience Manager (SAE)
- Click on the Pencil Icon on your project
- Click on the "Learning Objectives" tab
- Click on the plus (+) sign next to "Add New Skill Area"
- Select one of the skills and then in the "Planned Activities" section write what things you are going to do to develop that skill through your project.

Agriscience Project Description, Report Outline, and Grading Rubric

Project Description:

You need to do a science project that fits into one of the following categories: Animal Systems, Environmental Services/Natural Resource Systems, Food Products and Processing Systems, Plant Systems, Social Science, or Power, Structural and Technical Systems. Be creative! If you need help coming up with ideas, Miss Baadsgaard can point you in the right direction. You need to complete **8 AET Journal Entries and take 6 Pictures** to get credit for this project and record the answers to each question in the journal section of your AET account!

Journal Entry 1: Title Page Information

Write each of the following in this journal entry:

- A Short Title (Make it fun if you can!) (Less than 50 characters)
- A short description of your project (No more than 3 lines)

Journal Entry 2: Question & Hypothesis:

- What is your project/question/problem your addressing?
- What is your hypothesis?
- Why is this work being research?
- How will it impact the agriculture industry?

Journal Entry 3, 4, and 5: Literature Review

Do some background research on your project. You need to have AT LEAST 3 RELIABLE SOURCES. Put each of the sources in as a different journal entry. You can use Wikipedia to help you answer your own questions, but YOU CANNOT USE WIKIPEDIA AS A RELIABLE SOURCE. Your literature review should include:

- Information that currently exists concerning the research project.
- Copy and paste important sections of the literature
- Write your own thoughts about each of the things that you copy and paste
- Examples of appropriate literature may include:
 - Articles about similar studies
 - Similar research methods
 - History of the research area
 - How your project might complement existing information
- Include your sources for each of your resources!

Pictures: Make sure you are taking PICTURES of your project regularly! If the progress of your project happens daily, you should be taking pictures daily! At minimum, you should be taking pictures AT LEAST ONCE A WEEK! You need AT LEAST 6 pictures and you should be in most of the pictures. Also, make sure you're recording data.

Journal Entry 6: Materials and Methods

- List the items you will need to complete your project. Include the prices for the items.
- List the steps you will take to complete the project. (Make sure this is detailed! Someone would need to be able to repeat the experiment exactly like you've done it!)

Journal Entry 7: Data & Results

- Complete your experiment! TIP: Make sure you are keeping track of pictures and data!! You will need them!
- Record your data and write out your results including:
 - Summary of the project
 - Trends and relationships are highlighted
- Include at least 2 tables or graphs of your data

Journal Entry 8: Discussion & Conclusion This journal entry will include:

- A brief recap of your results and conclusions that can be drawn from your results
- How your results impact the agriculture industry
- How your conclusion relates to your hypothesis
- What further research could be done in relation to your project

Grading Rubric:

Item	4	3	2, 1	0
Journals 1 & 2: Title Page, Hypothesis, Research Question, Impact	Journal entry includes all listed information. It is clearly written, uses proper grammar, is detailed and well thought out.	Journal entry is missing one or more pieces of information. It is clearly written, but may need editing in regards to grammar, details or depth of thought.	Journal is missing 3 or more pieces of information. It is not clearly written and may need some edits and additions.	Journal entry is missing or clearly lacks effort.
Journal Entries 3, 4 & 5: Literature Reviews	All three journals are completed and each includes a different source that provides quality background information for the research being conducted. All listed requirements are met.	All three journals are completed. Each includes a different source that provides quality background information for the research being conducted. One or more of the listed requirements are missing.	One or more journal entries are missing. The sources do not clearly relate to the research being conducted. The students own thoughts on the information are not included.	The journal entries are incomplete or missing and/or the sources are not clearly listed.
Journal 6: Materials & Methods	Materials are clearly listed including prices and amounts/ measurements. Methods are listed in a step by step format and are well thought out, clear, and would make it possible for another researcher to replicate.	Materials are listed with amounts/ measurements, but may be missing prices. Methods are listed but may require one or two changes to be made to make them more clear and replicable.	Materials are listed but some may be missing or measurements/ amount are missing. Methods are listed but are not clear and require multiple edits.	Materials or Methods are not listed or are incomplete.
Journal 7 & 8: Data and Results, Discussion and Conclusion	Data and results are clearly recorded and listed and all requirements are met. The results section does not include any conclusions. Graphs and/or charts are included. The Discussion and Conclusions journal includes all of the listed requirements with an emphasis on the impact on agriculture.	The journals are clear and well written, but one or more of the requirements for journals are missing. The Discussion and Conclusion includes an emphasis on the impact the research would have on agriculture.	Multiple requirements are missing from the journal entries. Data is not clear or is incomplete. Impact on agriculture is not included.	One or more of the sections is missing. Very few of the requirements are included.
Pictures	6 Pictures of the progress of the project are included and the student is included in at least 3 of the pictures.	6 pictures are included, but they do not show the progress of the project. The student is in at least 3 of the pictures.	Less than 6 pictures are included. The pictures do not show the progress of the project. The student is not in the pictures.	Three or less pictures are included. The pictures do not show the progress of the project. The student is not in the pictures.