

Supervised Agricultural Experience (SAE) Project Outline

Every student enrolled in an agriculture class at Midland Valley High School is required to have an active SAE project. See the requirements for this project listed below.

What is a SAE?

A practical application of classroom concepts designed to provide real-life experiences and develop skills in an agricultural related area. You will gain hands on training in record keeping, goal setting, planning and evaluating.

The six types of SAE's:

Entrepreneurship- ownership

Placement-working for someone else. May be paid or done for the experience.

Research- Experimental or Non-Experimental

Exploratory-looking to learn more about agriculture or a career

Improvement- making something better at home or school

Supplemental- less than a day, works on 1 skill

Benefits of having an SAE:

You can: Explore Careers, Gain Experience, Earn Money, Improve Communication Skills, Develop Management Skills, Earn FFA Proficiencies and Awards! !

Potential SAE Topic Areas:

Ag Communication, Research, Ag Mechanics, Processing, Ag Sales, Production Agriculture, Service, Technology, Science, Floriculture, Management, Landscaping, Nursery, Outdoor Recreation, Home/Community Development, Turf, Forestry, Small Animal Care, Wildlife, Horticulture, Natural Resources, Animal Health, Job Placement, Ag Science Fair, and more!

* Any idea you can think of will fit into one of 47 FFA Proficiency Areas = Lots of Options & Possibilities!

This project is worth 20% of your class grade!

SAE Project Assignments:

1. Complete **SAE Plan** and turn it in for approval.
2. A minimum of **3 hours** outside of class must be spent on this project **per week**.
3. All projects **must include** a record of hours spend on the project.
4. You must complete a **quarterly progress report** on your project to include at least two pictures.
5. All projects **must include** a final presentation at the end of the year.

Proficiency Areas

1. Agricultural Communications - Entrepreneurship/Placement
2. Agricultural Education – Entrepreneurship/Placement
3. Agricultural Mechanics Design and Fabrication – Entrepreneurship/Placement
4. Agricultural Mechanics Energy Systems – Entrepreneurship/Placement
5. Agricultural Mechanics Repair and Maintenance – Entrepreneurship
6. Agricultural Mechanics Repair and Maintenance - Placement
7. Agricultural Processing - Entrepreneurship/Placement
8. Agricultural Sales – Entrepreneurship
9. Agricultural Sales – Placement
10. Agricultural Services - Entrepreneurship/Placement
11. Beef Production – Entrepreneurship
12. Beef Production – Placement
13. Dairy Production – Entrepreneurship
14. Dairy Production – Placement
15. Diversified Agricultural Production – Entrepreneurship/Placement
16. Diversified Crop Production – Entrepreneurship
17. Diversified Crop Production – Placement
18. Diversified Horticulture – Entrepreneurship/Placement
19. Diversified Livestock Production – Entrepreneurship
20. Diversified Livestock Production – Placement
21. Emerging Agricultural Technology - Entrepreneurship/Placement
22. Environmental Science and Natural Resources Management - Entrepreneurship/Placement
23. Equine Science – Entrepreneurship
24. Equine Science – Placement
25. Fiber and/or Oil Crop Production – Entrepreneurship/Placement
26. Floriculture - Entrepreneurship/Placement
27. Food Science and Technology - Entrepreneurship/Placement
28. Forage Production - Entrepreneurship/Placement
29. Forest Management and Products - Entrepreneurship/Placement
30. Fruit Production - Entrepreneurship/Placement
31. Grain Production – Entrepreneurship
32. Grain Production – Placement
33. Home and/or Community Development - Entrepreneurship/Placement
34. Landscape Management - Entrepreneurship/Placement
35. Nursery Operations - Entrepreneurship/Placement
36. Outdoor Recreation - Entrepreneurship/Placement
37. Poultry Production - Entrepreneurship/Placement
38. Sheep Production - Entrepreneurship/Placement
39. Small Animal Production and Care – Entrepreneurship/Placement
40. Specialty Animal Production – Entrepreneurship/Placement
41. Specialty Crop Production - Entrepreneurship/Placement
42. Swine Production – Entrepreneurship
43. Swine Production – Placement
44. Turf Grass Management – Entrepreneurship/Placement
45. Vegetable Production – Entrepreneurship/Placement
46. Veterinary Medicine– Entrepreneurship/Placement Wildlife Management – Entrepreneurship
47. Wildlife Management – Entrepreneurship/Placement

STUDENT _____

YEAR 2011-12

Supervised Agriculture Experience (SAE) Project Plan/Agreement

The Supervised Agriculture Experience Program consists of planned activities conducted outside of class time in which the student develops and applies agricultural knowledge and skills. The SAE program is an integral part of the total agricultural education program. The purpose of the SAE program is to make learning more relevant and to provide the student with real world experiences which will help the student select a career, secure employment or prepare for further education. A quality SAE program will contain a variety of experiences. The program will be supervised by the teacher.

This agreement form as been developed so that all parties involved in the SAE program will know exactly what is expected and planned for each quarter of the year. Changing your SAE project requires teacher approval and you must fill out another SAE Project Agreement.

For my project I will:

How does this relate to my future career/hobbies?

My 3 goals for this project are:

- 1.
- 2.
- 3.

Some employability skills I would like to work on are

- 1.
- 2.
- 3.

Here is an outline of my project: (What, how much, when, where, who is helping me, etc)

Signatures below indicate knowledge and approval of all parties involved:

Student: _____

Date _____

Parent or Guardian: _____

Date _____

Others Involved: _____

Date _____

Agriculture Teacher: _____

Date _____

STUDENT _____

YEAR 2011-12

Supervised Agriculture Experience (SAE) Quarterly Report

The Supervised Agriculture Experience Program consists of planned activities conducted outside of class time in which the student develops and applies agricultural knowledge and skills. The SAE program is an integral part of the total agricultural education program. The purpose of the SAE program is to make learning more relevant and to provide the student with real world experiences which will help the student select a career, secure employment or prepare for further education. A quality SAE program will contain a variety of experiences. The program will be supervised by the teacher.

This quarterly report has been developed so that all parties involved in the SAE program will have a chance to look back and reflect on the progress being made up to this point. This report is to help all parties involved stay focused and moving forward with the SAE project.

1. Please briefly summarize/describe what you have done or completed on your SAE up to this point.

2. How many hours have you completed on your project up to this point?

3. Have you met any of your SAE goals? Which goals have you met and how have you met them?

4. What skills have you developed through your project to this point? How have these skills contributed to your success?

5. In two paragraphs please reflect about your project and answer the following questions:
 - What has worked well on your project and what has not worked well on your project?
 - If you could start your project over at this point what would you do differently?
 - Has your project influenced your future plans or choices? (hobbies, career, etc.)

6. Include with this quarterly SAE report two color photographs (4" x 6") of you working on your project up to this point. These photographs may be printed at any photo kiosk like the ones found in CVS, Walgreens, or Wal-Mart for just a few cents each.

Signatures below indicate knowledge and approval of all parties involved up to this point:

Student: _____

Date _____

Parent or Guardian: _____

Date _____

Others Involved: _____

Date _____

Agriculture Teacher: _____

Date _____

S.A.E. Final Presentation Guidelines Spring Semester

DATE ASSIGNED: _____

DATE DUE: _____

Rubric

Title: ___/10	Digital Copy: ___/50
Purpose/Goals: ___/20	Paper Copy: ___/50
Procedures: ___/20	Format: ___/50
Results: ___/40	Overall Look: ___/50
Conclusion: ___/20	
Photos (w/person): ___/60	_____/400
Photo Captions: ___/30	

As the final presentation of their supervised agricultural experience project, every student enrolled in agricultural education at Midland Valley High must prepare an electronic display that explains their S.A.E. project. The purpose of the display is to give viewers a thorough summary of your out of class agricultural experience (S.A.E.).

- The display exhibit should be organized to include:
 - Title
 - Purpose of the project (Goals)
 - Pictures of project (6)
 - Procedures/Methods
 - Results (Graphs to show hours invested, money earned, money spent, etc)
 - Conclusions (What did you learn, accomplish, future plans, etc)
- All SAE final presentation projects must be completed electronically using the SAE Final Presentation Template located on the Agriculture Program Website.
- All Students must hand in both a color 8 ½” x 11” paper copy of their final presentation as well as a digital copy on a flash drive. (I will download it from your flash drive to my computer and return your flash drive).
- Come up with a catchy title for your project.
- Arrange items left to right, top to bottom on your display. Space elements evenly across your layout for a balanced look.
- Your display must include at minimum six (6) pictures of you with your project. Take pictures of your project throughout the school year. Write short descriptive captions for all your photos.

School or
Departmental
Logo

Project Name
Student Name

Class, Agriculture Department, Midland Valley High
Graniteville, South Carolina, 29829

School or
Departmental
Logo

Paragraph Explaining
Purpose of the SAE
Project

List the Goals of your
SAE Project (A Minimum
of Three)

Picture with
Caption

Picture with
Caption

Picture with Caption

A Paragraph Describing
the Procedures/Methods
of Your Project. Step by
step directions if someone
wanted to complete your
project.

Graph or graphs showing
the data collected from
your project

Picture with
Caption

Picture with
Caption

Paragraph explaining the
conclusion of your SAE
project. What did you
learn, accomplish, future
plans, etc.