

# 85 S.A.E. Ideas

The Supervised Agricultural Experience (SAE) is an integral part of the learning process in our class and in your future. Listed below are some *very brief descriptions* of some possible ideas you may want to consider for your personal project.

While these descriptions may be brief, remember that you must EXPAND on these ideas. **For example**, you might choose to mow your home lawn as your project. If so, then I would expect you to identify and research the grass type and weed species. Also you would do a soil test to figure out what fertilizers, herbicides, etc to use.

1. Develop, plant, and maintain a detailed garden plot at your home or other property.
2. Create a plant growth experiment by altering different soil types or some other variable.
3. Create a plant growth experiment by altering environmental factors such as light, temperature, fertilizers or different types of music.
4. Construct a landscape project such as a wall or fence.
5. Construct a landscape project such as a fountain or arbor.
6. Construct a landscape project such as a walkway or patio addition.
7. Build window boxes for flowers.
8. Plant seasonal flowers at your home, school or community.
9. Adopt a stream in the community. Keep accurate records and data.
10. Adopt a section of road in the community.
11. Adopt a subdivision entrance and improve its appearance.
12. Create a landscape plan for your home, subdivision entrance or place of business and then landscape the area.
13. Create an educational video about almost any topic relevant to agriculture or natural resources.
14. Conduct a plant experiment using hydroponics.
15. Make a collection of pressed leaves identified at your neighborhood, school or community.
16. Create a detailed web page for an agri-business company or organization.
17. Conduct an experiment with different treatment of seeds.
18. Visit commercial greenhouse operations and report back with an educational video.
19. Build a portable home plant propagation tent and conduct root experiments.
20. Build a "cold frame" for germinating seedlings in the winter time.
21. Experiment with the grafting or layering techniques of fruit trees and different plants..
22. Conduct your own experiment growing small trees in the Bonsai technique.
23. Develop a plan to produce, market and sell terrariums for holiday gifts.
24. Compare the effects of different herbicides (weed killers) on various plants.
25. Create a business of providing teachers with constant desk flowers for a monthly fee.
26. Interview adults who work in an environmental or horticulture field.
27. Prepare a scrap book or video about an agriculture career field that interests you.
28. Start up a small business of selling firewood.
29. Start up a small business of lawn care in your neighborhood.
30. Start up a small business of leaf removal in your neighborhood.
31. Create your own personal agriculture business that suits YOUR skills or interests.
32. Work as an employee or volunteer intern at a plant nursery.
33. Work an as employee or volunteer intern at a vet clinic, horse stable or farm.
34. Raise honey bees.
35. Build a compost bin for recycling home organic wastes.

36. Begin planting a small orchard of fruit trees at your home or community.
37. Research different types of landscape tools and demonstrate their use.
38. Research landscaping equipment such as Bobcats and backhoes and video their usage.
39. Research the golf course industry. Visit different courses and explain their construction.
40. Research the athletic field industry. Visit different fields and explain their construction.
41. Develop a recycling program for home or community.
42. Study entomology and make an impressive insect collection for display.
43. Work as a volunteer or employee at a florist and share what you have learned.
44. Develop a nature trail or help to improve a nature trail that you know of.
45. Research the hobby of drying flowers and demonstrate your findings.
46. Visit different types of greenhouses and compare different types.
47. Identify a need and coordinate a fall tree planting event in the community.
48. Visit pumpkin farms in our area, interview the growers and give a program on pumpkins.
49. Refurbish an old lawn mower or landscaping tool.
50. Create a welded sculpture using old rusted garden tools
51. Interview public servants such as Foresters, Extension Agents, Arborists, etc.
52. Work or volunteer at a zoo, public garden or nature center and report about the jobs available.
53. Develop and plant a herb garden.
54. Start up a small business of holiday wreaths, bows or services.
55. Start a crop of strawberries, grapes or blueberries from start to finish.
56. Install a small section of night-scaping lamps at your home or deck area.
57. Interview 2 landscape architects and demonstrate symbols and lettering methods.
58. Identify and label the trees or shrubs found on campus, park or community area.
59. Overhaul a piece of landscape equipment such as mower, wheelbarrow or other tools.
60. Rebuild a small engine.
61. Research and video poinsettia crop production.
62. Work in a florist shop and document what you find out.
63. Create an experiment to determine if the phases of the moon have an effect on plant growth.
64. Compare different rooting hormones on root development by conducting a plant experiment.
65. Demonstrate the impact of different levels of soil acidity on plant growth.
66. Cutting and selling firewood with a chain saw.
67. Changing oil in mowers, tillers or other equipment.
68. Build a Gun Rack
69. Build a Flicker/Woodpecker House
70. Build a Picnic Table
71. Build Corn Hole Boards (Bean Bag Toss)
72. Build a Tool Box
73. Build a Small Engine Stand
74. Build a Nail Box
75. Build a Saddle Rack
76. Build a pair of Saw Horses
77. Build a Work Bench
78. Build a Dog Box or Livestock/Animal Shipping Crate
79. Build a Bat House
80. Build a Wood Duck Box
81. Build shelves or a bookcase
82. Develop wildlife habitat or a food plot
83. Construct a deer stand
84. Tan animal hides and/or create animal skull mounts
85. Start a pet-sitting business in your subdivision.