

Unit 1 Study Guide

1. List 3 basic needs and give an agricultural example of each (**1.1.1 Basic Provisions**)
 - a. Food
 - i. oranges
 - ii. apples
 - b. shelter
 - i. lumber
 - ii. bricks
 - c. clothing
 - i. leather
 - ii. fabric
2. What are industries that support production agriculture? (**1.1 Facets of Agriculture Notes**)

Agricultural Service, Agriculture Supplies, and Research and Development.

3. What are the 7 career pathways? (**1.2 Agriscience Careers Notes OR 1.2.2**)

The seven career pathways are Agribusiness systems, Animal systems, Environmental Service systems, Food Products and Processing systems, Natural Resources systems, Plant systems, and Power Structural and Technical systems.

4. List two careers for each pathway: (**1.2.2 Agriscience Careers and Me**)

Agribusiness: Farmers and Ranchers Food Products: Biochemist and Food Scientist Natural Resources: Ecologist and Microbiologist Plant: Botanist and Crop Grower Power: Agricultural Equipment Parts Manager and

5. How can an SAE help you reach future goals? (**1.2 The Ag Ed Model Notes**)

An SAE can help you reach future goals by giving you organization skills,
6. List 2 examples for each type of SAE: (your written work from looking at the **SAE Cards**)
 - a. Placement/ working somewhere
 - i. working/ volunteering at SPCA
 - ii. working on a cattle ranch
 - b. Research/ conducting a research project/experiment
 - i. Research different growing medias for plants
 - ii. Determine the difference in fish food
 - c. Entrepreneurship/ Owning a business
 - i. selling livestock
 - ii. running a greenhouse operation

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7. List 3 benefits from FFA participation: (1.2 The Ag Ed Model Notes)
Leadership, community service, competitions

8. List 3 Career Development Events: (1.2.5 Game Time)
Three Career Development Events are Milk Quality and Products, Food science, and horse evaluation