

**If you love the idea of working with crops, animals, and resources that contribute to the worldwide food supply, pursuing a career in agriculture could provide you with a rewarding and fulfilling future.**



**Pathway Description:**

The Agriculture pathway will give students a broad agriculture knowledge base and entry-level skills in crop production, livestock management, and agribusiness. Students will gain relevant, hands-on experience through a combination of classroom instruction, field trips, and lab experiences. There is a definite need for individuals with this knowledge in the local area, state, and nation since agriculture and agriculture-related careers employ about 25 percent of the labor force in the United States.

**Key Competencies:**

- Describe career opportunities in the animal industry
- Describe how animals use nutrients
- Name and describe the functions of the major animal body systems
- Explain the importance of livestock nutrition
- Assess opportunities in exotic animal production
- Define the agri-food industry
- Describe the role of science in livestock production
- Describe food processing and production methods
- Identify Career paths/occupations in agriculture and related industries
- Discuss and analyze employment outlook in agriculture and related industries
- Make informed career decisions
- Draw a soil map
- Identify different insecticides and herbicides
- Identify plant diseases
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**Courses (HS Credits):**

- Year 1:** Introduction to AFNR – CASE  
**Year 2:** 96D0A Survey of the Animal Industry  
 96D1B Career Seminar  
**Year 3:** 96D2A Principles of Agronomy  
 96D3B Foods of Animal

**College Credits:** 11

**Annual National Average Salary for Entry Level Agriculture Worker: \$45,000**

**Career Opportunities:**

Food Scientists and Technologists	Buyer/Purchasing Agents, Farm Products
Veterinarians	Farm and Ranch Managers
Farm Labor Contractors	Animal Scientist
Aquacultural Managers	Animal Breeders

