

Zanesville City Schools Career Pathways Career Cluster: *Agriculture, Food and Natural Resources*

This career group is designed to assist with planning for a career in the field of agriculture, food and natural resources. School counselors assist in designing an academic pathway that includes all core graduation requirements and applicable electives to prepare properly for postsecondary education. Considerations pertaining to prerequisite courses, corequisite courses, leveling, teacher recommendations and class availability play a role in developing a specific and personalized plan that will maximize opportunities for success.

Interests/ Skills/ Traits Associated with Agriculture, Food and Natural Resources

This diverse Career Cluster prepares learners for careers in the planning, implementation, production, management, processing, and/or marketing of agricultural commodities and services, including food, fiber, wood products, natural resources, horticulture, and other plant and animal products. It also includes related professional, technical and educational services. (from *Naviance*, "careers" tab)

Focused Elective Options

Focused electives are only suggestions. Students may explore other areas of study to fulfill elective requirements.

Science:

AP Biology
Advanced Chemistry
Physics
AP Physics 1
ZS Anatomy and Physiology
1 & 2

Agriculture:

Animal and Plant
Biotechnology

Family and Consumer Science:

Transitions and Careers
Food Science
Personal Finance
Management

Physical

Education/Health:

Physical Education
Advanced Conditioning

Social Studies:

Psychology
Sociology

English:

Public Speaking
College Research and
Technical Writing

Math:

Statistics

Sample Career Choices

Please click on the title of the career for up-to-date information from the Bureau of Labor Statistics

[Agricultural and Food Science Technicians](#)

2018 Median Pay - \$40,860; Entry-level Education - Associate's degree

[Animal Care and Service Workers](#)

2018 Median Pay - \$23, 950; Entry-level Education - HS Diploma

[Biochemists and Biophysicists](#)

2018 Median Pay- \$93,280; Entry-level Education- Professional degree

[Chemical Technicians](#)

2018 Median Pay - \$48,160; Entry-level Education - Associates degree

[Conservation Scientists and Foresters](#)

2018 Median Pay - \$61,340; Entry-level Education - Bachelors Degree

[Environmental Scientists and Specialists](#)

2018 Median Pay - \$71,130; Entry-level Education - Bachelors Degree

[Floral Designers](#)

2018 Median Pay - 27,200; Entry-level Education - HS Diploma

[Forest and Conservation Workers](#)

2018 Median Pay - 27,460; Entry-level Education - HS Diploma

[Geological and Petroleum Technicians](#)

2018 Median Pay - \$53,300; Entry-level Education - Associate's degree

[Hazardous Materials Removal Workers](#)

2018 Median Pay - \$42,030; Entry-level Education - HS Diploma

[Zoologists and Wildlife Biologists](#)

2018 Median Pay - \$63,420; Entry-level Education - Bachelor's degree

External Extended Learning Opportunities	Career Shadow/Internship/Mentor Suggestions
Mid-East CTC:: Natural Resource Conservation Vet Assisting & Animal Care	Agricultural and Food Scientists Agricultural Workers Environmental Scientists and Specialists Forest and Conservation Workers Geoscientists Logging Workers