

# Agriculture, Food, and Natural Resources

Business and Industry Endorsement

## Do you...

- have good customer service skills and enjoy working with the public?
  - enjoy working with animals?
  - have good critical thinking skills?
  - notice a problem and enjoy figuring out the best way to solve it?
  - like activities that include practical, hands-on problems and solutions?
- Then invest in your future with a career in Agriculture, Food, and Natural Resources!**

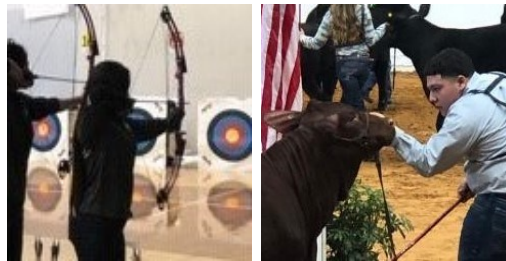
From working with families engaged in agriculture to large governmental agencies, there is a growing need for individuals who recognize the importance of the advancement, preservation, and conservation in agriculture.

## Career and Technical Education



## Programs of Study

Animal Science  
Applied Agriculture Engineering  
Environmental and Natural Resources



## Fastest Growing Careers

Industrial Ecologist  
Precision Agriculture Technician  
Environmental Economist

## Highest Paying Careers

Environmental Economist	\$185,020
Agricultural Engineer	\$160,950
Industrial Ecologist	\$124,760
Veterinarian	\$160,780
Soil/Water Conservationist	\$98,060

## Careers To Consider

### 4 Year College Degree & Higher:

Agricultural Engineer  
Environmental Economist  
Industrial Ecologist

### 2-Year College Degree:

Agriculture Technician  
Soil & Water Conservationist  
Veterinary Technologist

### Certification and HS Diploma:

Agricultural Inspector  
Veterinary Assistant

## Programs of Study in Pasadena ISD

	Grade 9	Grade 10	Grade 11	Grade 12
<b>Applied Ag Engineering</b> (Ag Mechanics Pathway) DHS, PHS, PMHS, SRHS	Principles of Agriculture, Food, and Natural Resources	Ag Mechanics and Metal Tech	Ag Equipment Design and Fabrication	Practicum in Agriculture, Food, and Natural Resources
<b>Animal Science</b> (Animal Science Pathway) DHS, PHS, PMHS, SRHS	Principles of Agriculture, Food, and Natural Resources	Small Animal Management  Equine Science	Livestock Production	Practicum in Agriculture, Food, and Natural Resources
<b>Animal Science</b> (Vet Science Pathway) CTHS	Principles of Agriculture, Food, and Natural Resources	Agriculture Business  Small Animal Management	Vet Med Applications  Advanced Animal Science	Practicum in Agriculture, Food, and Natural Resources
<b>Environmental and Natural Resources</b> (Outdoor Ed Pathway) CTHS, DHS, PHS, PMHS, SHHS, SRHS	Outdoor Education	Outdoor Wildlife	Outdoor Range Management	Practicum in Outdoor

Please refer to the Pasadena Course Selection and Registration Guide for more information on career pathways, endorsements, course requirements, and certification opportunities offered at each high school campus.

## Earn Industry Certifications

American Welding Society  
Beef Quality Assurance  
Certified Veterinary Assistant  
NCCER Core  
OSHA 10  
Texas State Floral Association



## Career and Technical Student Organization

FFA is a dynamic youth organization that changes lives and prepares members for premier leadership, personal growth and career success through agricultural education. FFA develops members' potential and helps them discover their talent through hands-on experience, which give members the tools to achieve real-world success.



Non-Discrimination Notice

