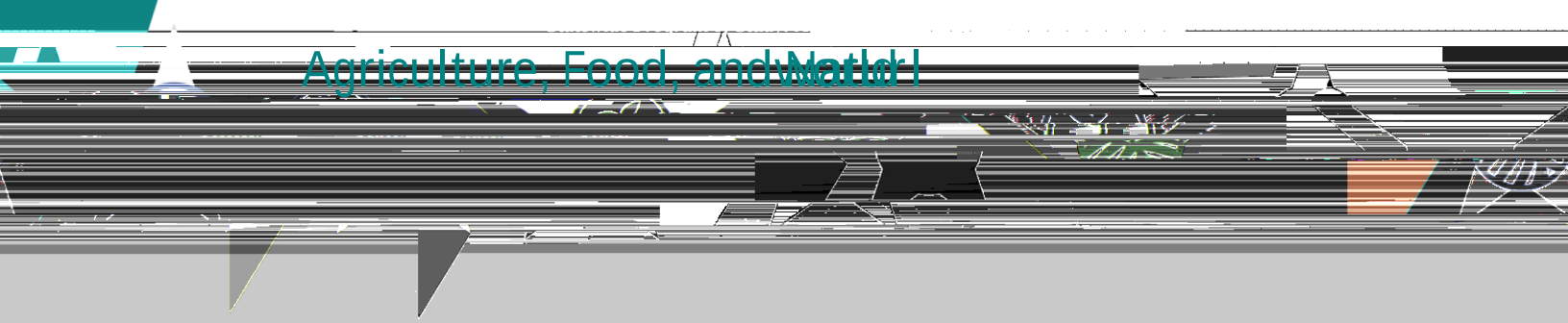

ife processes of animals and wildlife, either in laboratories or in the field, which could include a veterinary office, a farm or ranch, or any outdoor area harboring animal life. Students will research and analyze the growth and destruction of species and research or diagnose diseases and injuries of animals.

Secondary Courses for High School Credit

Level 1	Principles of Agriculture, Food, & Natural Resources
Level 2	Small Animal Management Equine Science Entrepreneurship 1
Level 3	Livestock Production
Level 4	Advanced Animal Science Veterinary Medical Applications & Lab Practicum in Agriculture, Food, & Natural Resources

Aligned Advanced Academic Courses

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	Shadow an animal scientist in a biology lab to learn about applying science to understand animals and wildlife Intern in a veterinary clinic, caring for animals and wildlife being treated in the clinic
Expanded Learning Opportunities	Participate in an FFA career, leadership, and speaking contest like an agriscience fair Attend an agricultural industry seminar

Aligned Industry-Based Certifications

Agriculture, Food, & Natural Resources Cluster

Animal Science Program of Study

- Principles of Agriculture, Food, & Natural Resources (1 Credit) 9th-12th
- Small Animal Management (0.5 Credit) 10th-12th
- Equine Science (0.5 Credit) 10th-12th
-
- Livestock Production (1 Credit) 10th-12th — A
- Advanced Animal Science (1 Science Credit) 11th-12th — A
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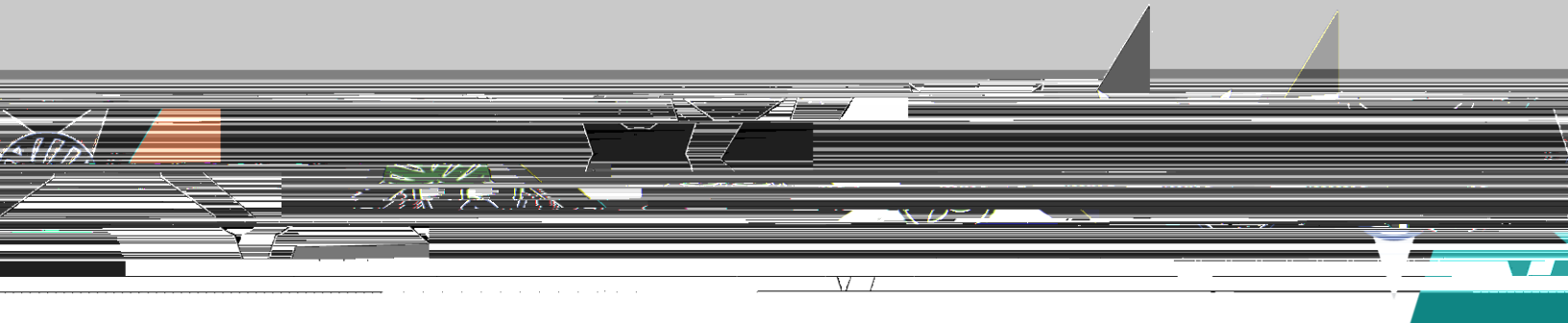
- Practicum in Agriculture, Food, & Natural Resources (2 Credits) 11th-12th — A



Agriculture, Food, & Natural Resources Cluster

Plant Science Program of Study

- Principles of A-5( )-3(r)5(in).990.00000912 0 6udy
- Practicum in Agriculture, Food, & Natural Resources (2 Credits) 12th