



Priority Standards

Agriculture, Food & Natural Resources Career Cluster Standards – Grades 9-12

The table below identifies the cluster standards specific to the Agriculture, Food & Natural Resources Career Cluster – the collection of Animal Science Pathway courses. These are the skills students are expected to acquire as they complete courses in this pathway.

Priority Standards	Description
AG 1	Analyze how issues, trends, technologies and public policies impact systems in the Agriculture, Food & Natural Resources Career Cluster.
AG 2	Evaluate the nature and scope of the Agriculture, Food & Natural Resources Career Cluster and the role agriculture, food and natural resources (AFNR) play in society and the economy.
AG 3	Examine and summarize importance of health, safety and environmental management systems in AFNR organizations.
AG 4	Demonstrate stewardship of natural resources in AFNR activities.
AG 5	Describe career opportunities and means to achieve those opportunities in each of the Agriculture, Food & Natural Resources Career Pathways.
AG 6	Analyze the interaction among ANFR systems in the production, processing and management of food, fiber and fuel and sustainable use of natural resources.
AG-ANI 1	Analyze historic and current trends impacting the animal systems industry.
AG-ANI 2	Utilize best practice protocols for husbandry and welfare based upon animal behaviors.
AG-ANI 3	Design and provide proper animal nutrition given desired outcomes for performance, development, reproduction and/or economic production.
AG-ANI 4	Apply principles of animal reproduction given desired outcomes for performance, development and/or economic production.
AG-ANI 5	Evaluate environmental factors affecting animal performance and implement procedures for enhancing performance and animal health.
AG-ANI 6	Classify, evaluate and select animals based on anatomical and physiological characteristics.
AG-ANI 7	Apply principles of effective animal health care.