



DISCOVER AND **EXPLORE** what you will learn by participating in one of the following **CAREER PATHWAYS**:

Agricultural Mechanics Systems Career Pathway

Prepares students with knowledge and skills in the areas of repair, maintenance, or restoration of agricultural machinery and equipment, as well as knowledge and skills concerning alternative fuel sources, precision technology, woodworking, metalworking, welding, and project planning.

Agricultural Production Systems Career Pathway

Prepares students with skills in a wide range of agricultural practices in the areas of natural resources, animal/plant science, agricultural mechanics, and agribusiness which includes principles of managing and operating an agricultural business, entrepreneurship, and records and financial analysis.

Animal & Veterinary Science Career Pathway

Prepares students with knowledge and skills in a wide range of animal agriculture principles, including anatomy/physiology, reproduction, nutrition, health/disease management, animal ethics/safety, and practices associated with veterinary medicine and small animal care.

Food Science, Dietetics & Nutrition Career Pathway

Prepares students for careers centered on the science of food from preparation to development and its relationship to the health and wellbeing of people.

Natural Resource Science Career Pathway

Prepares students with the knowledge and skills related to the biological, environmental, and economic importance of our renewable natural resources, environmental and wildlife science and management, forestry and rangeland science and management including the concepts of multiple-use and stewardship of our natural resources.

Plant Science Career Pathway

Prepares students with knowledge and skills in the areas of horticulture, floriculture, nursery operations, landscape management and agronomic skills in basic crop systems management including plant propagation, irrigation, cultivation and harvesting of agricultural crops.