

## ASA Course Description

The primary goal of the *Principles of Agricultural Science – Animal* (ASA) curriculum is to expose students to agriculture, animal science, and related career options. Throughout the course, students investigate the consumer perceptions and preferences related to animals in local, regional, and global markets. Students gain knowledge and skills related to animal anatomy, physiology, behavior, nutrition, reproduction, health, selection, and marketing through hands-on activities, projects, and problems. By mimicking work similar to that of animal science specialists, such as industry personnel, livestock producers, veterinarians, and zoologists, students learn to document work, solve problems, and communicate solutions to peers and members of the professional community.

In addition, students encounter connections between animal science lessons and Supervised Agricultural Experience and FFA opportunities for experiential learning and leadership development.

The ASA course includes:

- Background and social issues of animal science
- Handling and caring for animals safely
- Anatomy and physiology
- Nutrition
- Reproduction
- Genetics
- Animal health
- Animal selection, products, and marketing