Agricultural Education implements inquiry-based learning in the classroom and career exploration through work study and supervised agricultural experience programs. It develops leadership skills such as public speaking, teamwork, organization and civic service through the intracurricular implementation of FFA.

Students who participate in agricultural education programs graduate with the skills necessary to become productive citizens who will succeed in postsecondary education or the workforce.

**Secondary Education**
- 33,300 students in agricultural education courses
- 330 agriculture teachers
- 205 high school agricultural education programs
- 62 middle school agricultural education programs
- 162 students enrolled per program on average

**Some of the courses offered**
- Introduction to Agriscience
- Agriscience Exploration
- Foundations of Agriculture
- Agriscience Technology
- Horticulture Sciences
- Small Animal Care
- Introduction to Animal Systems
- Agri Production Technology
- Veterinary Science
- Landscaping
- Introduction to Plant Systems
- Agricultural Production Management
- Greenhouse Plant Production & Management
- Equine Management Production
- Introduction to Natural Resources
- Agricultural Power Systems
- Agricultural Fabrication and Emerging Technology
- Floral Design
- Turf Grass Establishment & Maintenance
- Forestry Management
- Agribusiness Operations
- Fisheries and Wildlife Management
- Ecology & Environmental Management
- Specialty Horticulture Arts
- Agricultural Structure Systems
- Biotechnology Foundations

**Postsecondary & Adult**

**Postsecondary Agriculture Programs**
Ferrum College, Virginia State University, and Virginia Tech offer four-year degrees in agriculture. Virginia Tech offers a two-year associate degree program in agricultural technology.

The Virginia Community College System offers over 20 associate degree or certificate programs in agriculture and forestry.

**Postsecondary Organizations**
- Virginia FFA Alumni Association
- Young Farmers of Virginia
- Collegiate FFA

**Economic Impact of Agriculture**
Agriculture is Virginia’s #1 industry.
Agriculture and forestry have a total economic impact of **$79 billion** and provide more than **500,000** jobs.
Virginia’s **top** agricultural commodity is broilers, which provided over **$600 million** to the economy.
Other top commodities include cattle, dairy products, turkeys, nursery/greenhouse/turfgrass, corn, soybean, wheat, hay, and eggs.
The horse industry contributes **$1.2 billion** to the economy annually.
82% of Virginia’s land area is covered by forests, cropland, or pastures.

For more information please visit www.vaaffa.org or www.naae.org