



HORTICULTURE & ANIMAL SCIENCE

PATHWAY



PATHWAY OVERVIEW

The Horticulture & Animal Science pathway prepares students with foundational knowledge in plant science, horticulture, greenhouse operations, animal science and agricultural leadership

Students develop skills in plant production, greenhouse management, animal care, and environmental stewardship while preparing for postsecondary education, industry



CAREER CLUSTER

Agriculture

COURSE SEQUENCE + WORK-BASED LEARNING

1

Basic Agricultural Science

Introduces agricultural systems, leadership, safety, and agricultural career pathways



2

General Horticulture & Plant Science

Develops skills in greenhouse management plant propagation, soils, landscaping, and floral production



3

Animal Science Technology/ Biotechnology

Explores animal anatomy, nutrition, genetics, biotechnology, and animal health



Work-Based Learning (Capstone Experience)

Apply agricultural knowledge through supervised agricultural experiences (SAEs), internships, leadership activities, and industry partnerships

LEADERSHIP + INDUSTRY CONNECTIONS

CAREER & TECHNICAL STUDENT ORGANIZATION



COMPETITION OPPORTUNITIES

- Agriscience Fair
- Veterinary Science CDE
- Floriculture CDE
- Livestock Evaluation CDE
- Nursery/Landscape CDE
- Public Speaking LDE



CHAPTER ACTIVITIES

- Community service projects
- Supervised Agricultural Experience (SAE)
- FFA leadership conferences
- Agricultural education outreach
- Chapter greenhouse



CO-CURRICULAR / INDUSTRY EXPERIENCES

- SAE Portfolios
- Local agricultural fairs
- Industry tours
- Greenhouse plant production
- Community gardens
- School campus beautification
- Industry panels

SCHOOLS OFFERING THIS PATHWAY

Creekside

POSTSECONDARY OPPORTUNITIES



LOCAL / REGIONAL INSTITUTIONS

- Abraham Baldwin Agricultural College (ABAC)
- University of Georgia
- Atlanta Technical College
- Chattahoochee Technical College
- Gwinnett Technical College



DUAL ENROLLMENT

Metro-area dual enrollment options may include horticulture, landscape management, agriculture, plant science, and related programs. Verify through Georgia Futures.



CAREER OPPORTUNITIES

CAREERS

Greenhouse Manager

Landscape Technician

Horticulturist

ATLANTA-AREA EMPLOYERS

