

# Why Agriculture Science

## Learning to Do

- Introduction to the many areas of agriculture
- College and Career ready skills
- OVER 300 careers in the broad world of agriculture
- Find the path for you

Learn something that matters!  
It's more than a class

## Earning to Live

## Doing to Learn

- Hands on connection
- Skill development to supplement knowledge
- Real life skills  
for your career  
or **just your life!**

Do something that matters!  
It's more than a class

## Living to Serve

# The Process...

**Application Due to  
Suffield Agriscience by  
December 11, 2025**

Two letters of recommendation  
School transcripts and records  
Most recent grade report  
Discipline & Attendance reports  
**Letter of interest written by you!**

## **Interviews**

Scheduled for  
January 6th and 7th

## **Acceptance**

Notified by letter January 22nd

**Accepted Student Day**

**March 13th**

9th grade course selection appointments  
for all registered **out of town students**

**April**

8:00 am - 2:30 pm

Career Safe OSHA  
AG I, AG II

2 credits : 11th grade  
2 credits : 12th grade



**CLASSROOM/  
LABORATORY**

Contextual, *inquiry*-based instruction and learning through an interactive classroom and laboratory.



**School  
Based  
Agricultural  
Education**

**SAE**

Experiential, service and/or work-based learning through the *implementation* of a supervised agricultural experience program.

**FFA**

Premier leadership, personal growth and career success through *engagement* in FFA, PAS or NYFEA programs and activities.

150 hours of agriculture experience in 10th, 11th and 12th grade year



Participation in 5 FFA activities and 10 hours of community service in 10th, 11th and 12th grade year

# Course Work

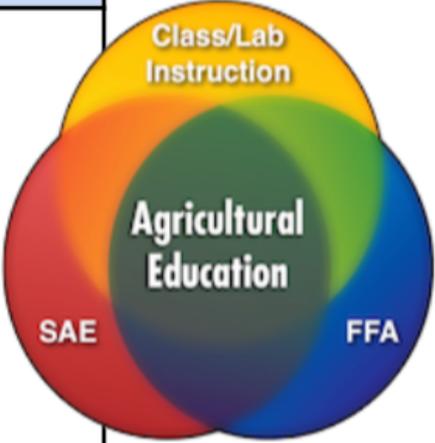
Classroom  
Instruction

Freshman Year :  
Intro to Agriculture

Sophomore Year :  
AG II Exploration  
Agriculture Biology

Junior Year : Two ½ year courses in Fall  
Two ½ year courses in Spring  
Senior Year : Two ½ year courses in Fall  
Two ½ year courses in Spring

# Agriscience Pathways

| Animal Science                          | Horticulture   | Natural Resources                 | Mechanics                        | General Agriculture   |
|---|--|-----------------------------------|----------------------------------|---|
| Intro Companion Animal                  | Floral Art - ECE Option                              | Aquaculture I                     | Small Engines                    | Ag Business & Marketing: CASE Curriculum  |
| Vet Science I                           | Advanced Floral Design - ECE Option                  | Aquaculture II                    | Tractor Driving & Equipment      | Food Science: CASE Curriculum   |
| Vet Science II                          | Plant Propagation                                    | Marine Science                    | Building Systems                 | Sustainable Agriculture   |
| Production Animal Science               | Intro to Horticulture - ECE Option                   | Wildlife Management               | Structures & Building Technology |  <p><b>Class/Lab Instruction</b></p> <p><b>Agricultural Education</b></p> <p><b>SAE</b>      <b>FFA</b></p> |
| Animal Behavior & Training - ECE Option | Landscape Design                                     | Recreational Service Management   | Welding & Metal Fabrication      |   |
| Specialty Animal Production             | Landscape Maintenance & Equipment Operation          | Environmental Science (Full Year) |                                  |   |
| Breeding & Genetics                     | <h2>Courses available for 11th and 12th graders</h2> |                                   |                                  |   |
| Equine Farm Management                  |  |                                   |                                  |   |
| Equine Anatomy & Physiology             |  |                                   |                                  |   |
| Equine Health Management                |  |                                   |                                  |   |
|   |  |                                   |                                  |   |



**Mechanics Pathway**



**Horticulture Pathway**



**General Agriculture Pathway  
Food Science  
Ag Business**



**Natural Resources Pathway  
Aquaculture Pathway**



**Animal Science Pathway**



This is our classroom

# Students graduating in the year 2030 and beyond

In order to graduate and be granted a diploma,  
students must satisfactorily complete a minimum  
of **25 credit hours**,

**including not fewer than:**

**9 Credits in Humanities**, including:

- Four (4) credits in English
- Three (3) credits in Social Studies, including one (1) credit in Civics
- One (1) credit in the Arts
- One (1) credit identified as a Humanities elective in the SHS Program of Studies including ½ credit personal finance ←

**9 Credits in Science, Technology, Engineering and Mathematics**, including:

- Four (4) credits in Math
- Three (3) credits in Science ←
- Two (2) credits identified as a STEM elective in the SHS Program of Studies ←

**2 Credits in Career and Life Skills**, including:

- One (1) credit in Physical Education
- One (1) credit in Life Education (Health)

**1 Credit in World Languages**

**4 Credits in Additional Electives** ←



**2025-2026 Course  
Selection Manual**

**Live Link will be updated with 26-27  
when available**