



The Regional Agriculture Science & Technology Center  
 Southington High School  
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[www.SouthingtonSchools.org](http://www.SouthingtonSchools.org)

## Opportunities in Agriculture Science and Technology

### What is Agriculture Science & Technology?

The Southington Regional Agriculture Science & Technology Program is an educational program, which is part of Southington High School. It is not a separate school, but a part of a regular high school curriculum.

The Agriculture Science & Technology program can prepare a student for a career in agriculture or agribusiness following high school or after earning a college degree in agriculture or a related field.

Sometime during your normal school day, you will attend an agriculture science class. You will study agriculture two periods a day. The rest of your time is spent taking regular high school classes. You are a member of the Southington High School body just like any other student! You may take other elective courses and be involved in sports and extracurricular activities too.

The program is open to students who are interested in developing skills in the agricultural career areas of animal science, agriculture mechanics, plant science, agriculture business management, biotechnology and the environment.

There is no cost to any student who wishes to enroll in the program. The town that you live in is responsible for the cost of transportation and tuition.

### A complete education, not just an agriculture education.

One of the advantages of the program being at a comprehensive high school is that students can take other high school classes to meet their needs and interests. Students will take classes to meet high school graduation requirements. In addition, most students take a college preparatory course of study.

There are a large number of careers and many Agriculture Science graduates go on to two or four year colleges and universities, majoring in agriculture. However, a student's choices for higher education are not limited to agriculture.

### Classroom Instruction, Laboratory Activities, Leadership & Work Experience

The Agriculture Science and Technology curriculum includes three primary components: classroom/laboratory instruction, leadership development, and supervised agricultural experience. By participating in all three of these components the student gains a variety of experiences to develop occupational skills and make informed decisions about the future.

Classroom activities involve the scientific concepts and technical skills necessary to be successful in agriculture. The laboratory experiences cannot be duplicated in any textbook. Students look forward to the opportunity to practice skills they will use on the job.

Leadership development is an integral part of the Agriculture Science & Technology program. Students are involved in the FFA, an organization of young people planning a career in agriculture and its many related fields. The organization emphasizes the development of leadership qualities for self confidence and career success.

The Southington FFA Chapter offers many opportunities including: awards, scholarships, skills, competitions and the chance to meet people with similar interests.

The Supervised Agriculture Experience (S.A.E.) program is work experience, which is related to the student's career goal. By working in a related agriculture job, the student will learn technical skills as well as experience what the daily responsibilities will be in that occupation.

#### Agriculture Mechanics

Agriculture Engineer

Surveyor

Equipment Mechanic

Equipment Operator

#### Animal Science

Veterinarian

Food Inspector

Research Technician

#### Natural Resources

Forest Ranger

Environmental Lawyer

Soil Scientist

Game Warden

#### Plant Science

Landscape Architect

Floral Design

Golf Course Manager

### What will classes be like?

The grade nine curriculum includes exploration of all areas of agriculture and the development of basic leadership and record-keeping skills. In grades ten, eleven and twelve, students choose courses based on their interests and career goals. There are over 100 different course selections, including:

Veterinary Technology  
 Landscape Design  
 Pet Care and Services  
 Small Engine Repair  
 Agriculture Business Management  
 Food Science  
 UCONN Courses  
 Agriculture Mechanics  
 Animal Science

**Serving the following towns:** Berlin/Kensington, Bristol, Cheshire, Farmington, New Britain, Plainville, Plymouth/Terryville, Southington, Waterbury, Wolcott