

## Topics of Study

- Basic Botany
- Entomology
- Greenhouse Crops
- Greenhouse Management
- Greenhouses: Types & Environments
- Landscape Design
- Landscape Maintenance
- Pesticides
- Pesticide Safety & Applications
- Physiology
- Plant Growth Regulators
- Plant Identification
- Plant Nutrition
- Plant Pathology
- Plant Propagation
- Plant Marketing & Sales
- Leadership Skills
- Job Application Skills

## Certifications

- VFGA Certified Greenhouse Operator
- Registered Technician Pesticide Applicator



Churchland High School  
757-686-2500



Office of Career and  
Technical Education  
757-822-2711



Portsmouth Public Schools  
[www.pps.k12.va.us](http://www.pps.k12.va.us)

# Agricultural Education

# HORTICULTURE



Portsmouth Public Schools offer Horticulture I (Greenhouse Plant Production and Management-8036) during the fall semester and Horticulture II (Nursery and Landscape Management-8035) during the spring semester. The two block courses are open to interested juniors and seniors who can earn two high school credits per semester and a verified credit upon successfully passing the state certification exams. A Registered Technician Pesticide Applicator License is available in the spring. The school division provides bus transportation to and from Churchland High School, which is located at 4301 Cedar Lane, Portsmouth. See your guidance counselor for an application.