

York County Virginia Cooperative Extension

Megan Tierney, M.S.M

Extension Agent

ANR/Horticulture and Unit Coordinator

Carl Frick, M.Ed

Associate Extension Agent, 4-H Youth
Development

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Virginia Cooperative Extension

Virginia Tech • Virginia State University

www.ext.vt.edu

What is Virginia Cooperative Extension?

Virginia Cooperative Extension (VCE) is the educational outreach of Virginia's land grant universities.

Virginia State University
Petersburg



Virginia Tech
Blacksburg



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History of the Land Grant System

- Morrill Act of 1862 (Virginia Tech)
 - Institutions of higher learning designated by state legislators to receive the benefits
 - Funded by granting federally controlled land to the states for them to sell to raise funds to establish “land grant” colleges
- Morrill Act of 1890 (Virginia State University)
 - Required each state to allow for the inclusion of blacks or designate a separate land-grant institution for persons of color.



Virginia Cooperative Extension

- Goal
 - Extending knowledge-Changing lives
- Mission
 - Enable people to improve their lives through an educational process that uses scientific knowledge focused on issues and needs.
- This mission cannot be fulfilled without connections and relationships within local communities and a committed volunteer base



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VCE Program Areas

- Agriculture and Natural Resources (ANR)
 - Megan Tierney
- 4-H Youth Development (4-H)
 - Carl Frick
- Other Program Areas
- Family and Consumer Sciences (FCS)
- Community Viability (CV)
- Family Nutrition Program (FNP)



VCE Volunteers ANR-Hort./MGT

- **Master Gardeners = 150 Volunteers**

- Lawn and Garden Help
- Urban Agriculture
- Local Foods
- Community and School Gardens
- Outreach
- 4-H Mums
- Safety Town
- 4-H Camp Programs



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VCE Volunteers ANR/Advisory

- **Pen. Master Naturalists**
 - 175 Volunteers
 - School Programs
 - Water Quality Testing (local)
 - Citizen Science
 - Outreach



Local ANR/Horticulture Programs

- **Environmental Horticulture**
- **Sustainable landscape practices to protect the environment**
- **Plant Disease ID, Insect ID, Weed ID, Soil Testing (Call Center, Tree Health House Calls)**
- **Healthy VA Lawns -reduces fertilizer and pesticide usage (helps with MS4 permits)**

- **Other Agricultural Sectors**
- Cattle/Pigs/Horses/Chickens
- Small Ruminants
- Agronomy
- Silviculture/Forestry
- Agroforestry
- Well Water Testing



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York/Poquoson VCE Programs

- **Horticulture Extravaganza**
- **4-H Schoolyard Habitat Outreach**
- **Pruning/Lawn Clinics**
- **4-H Mums/ 4-H Camp/ Safety Town**
- **Help Desk Calls/ Tree Health Visits**
- **Healthy VA Lawns Home Visits**
- **Floral Therapy- Senior Centers**
- **York County Community Gardens**
- **Biochar with NASA-Langley**
- **Learning Garden Plant Sales and Events**
 - Fall/Poquoson Learning Garden
 - Spring/York Learning Garden
 - Fairies & Friends Poquoson Learning Garden
 - Lunch and Learn Lectures/Stories at the York Learning Garden



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4-H Youth Development

- 4-H is a community of young people across America learning leadership, citizenship, and life skills.
- 4-H is the largest Positive Youth Development organization in the United States
- 4-H is open to all boys and girls, ages 5 to 19.
- Young people are encouraged to participate in a variety of activities that emphasize 4-H's learn by doing philosophy of youth development.



4-H Youth Development

4-H is rich with learning experiences where young people partner with caring adults and volunteers.



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Types of Local Programs

- 4-H Community Clubs:
Environmental Education,
Shooting Education, STEM
- 4-H Schoolyard Habitat
Outreach
 - 20+ Volunteers in every
school in York
County/Poquoson
- 4-H Camping (ages 9-13)
 - 220 York County/
Poquoson Youth/Adults



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4-H Curriculum Areas

- **Citizenship**
 - Citizenship
 - Leadership
 - Communications and Expressive Arts
- **Healthy Living**
 - Financial Literacy
 - Family Sciences
 - Foods, Nutrition & Health
 - Personal Development
- **Science, Engineering, and Technology**
 - Animal Sciences
 - Plants, Soils & Entomology
 - Natural Resources
 - Environmental Sciences
 - Aerospace and Rocketry
 - Engineering
 - Technological Applications: Invention



York/Poquoson VCE Programs

- **New** in 2018 4-H Archery/Fishing Club
- Horticulture Extravaganza
- 4-H Schoolyard Habitat Outreach
- Pruning/Lawn Clinics
- 4-H Mums/ 4-H Camp/ Safety Town
- Help Desk Calls/ Tree Health Visits
- 4-H Patriot's Shooting Club
- Healthy VA Lawns Home Visits
- Floral Therapy
- York County Community Gardens
- Biochar with NASA - Langley
- Learning Garden Plant Sales and Events



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Questions?

