



Prince William 4-H

Our Clubs, Our Community



April 27, 2022

Upcoming Events

- Apr 27-May 8** - TSC Paper Clover
- Apr 30** - VA 4-H Healthy Living Summit
- May 4** - PW 4-H Market Workshop #1
- May 7** - Tree Seedling Planting
- May 7** - Clover(bud) Club Meeting
- May 15** - Horse Project Declarations Due
- May 18** - PW 4-H Market Workshop #2
- Jun 1** - PWC 4-H Market Workshop #3
- Jun 3** - 4-H Seniors Ice Cream Social
- Jun 15** - PW 4-H Market Workshop #4
- Jun 21** - VA 4-H Congress

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Prince William 4-H'ers Win Big at the Northern District Food Challenge

Congrats!



1 pledge...
 my **HEAD** to clearer thinking,
 my **HEART** to greater loyalty,
 my **HANDS** to larger service, and
 my **HEALTH** to better living!

Through participating in the 4-H Food & Nutrition Project, youth learn how to prepare nutritious and safe meals and snacks and adopt behaviors that can help reduce their risk for chronic disease. The 4-H Food Challenge contest challenges teams of 4-H members to create a dish using only a predetermined set of ingredients. From these ingredients, team members must identify and prepare the dish, then make a presentation about it to the judges.

Prince William 4-H sent three teams of 4-H'ers to the Northern District 4-H Food Challenge in Culpeper on Saturday, April 23rd. Team Clover of Kettle Run 4-H Club, a mixed age group team (juniors and seniors, ages 9-19), placed first in their age grouping. Senior's Team Ninja (ages 14 and up) with members from Kettle Run 4-H Club and Trigger Time 4-H Club placed second and within just a few points of The Spice Grills with members from Trigger Time 4-H Club and Phantom Riders. Both senior teams qualified for the National 4-H Food Challenge Contest to be held later this year at the Texas State Fair.



Mixed Team
 "Team Clover"

Bailey Dove
 Cara Grahn
 Simon Grahn
 Zia Tompkins

Senior Team #1
 "Spice Grills"

Grace Richter
 Noah Richter
 Ulric Summerlin
 Hannah Wang

Senior Team #2
 "Team Ninjas"

Ben Hirshey
 Tim Hirshey
 Julia Lee

TSC Paper Clover Campaign is Going on Now! April 27th-May 8th

Since 2010, Tractor Supply Company has partnered with 4-H to raise more than \$17 million through the Paper Clover Campaign. The success of these campaigns has impacted over 81,500 youth with opportunities to attend 4-H Camp and leadership events. Please show your support by shopping at TSC!

Prince William 4-H Booth Space Available! [Click here for signup link](#) or contact [Ashley Isaacson](#). This is a great opportunity to raise funds directly for your club!



Click to Visit





Grow Your **BUSINESS** Skills

Prince William 4-H

Join us for a hands-on experience that will SPARK ideas and grow the next generation of business leaders!

The PWC 4-H Entrepreneurship Project will help you formulate product ideas, create a business plan, develop the product, and put the plan into action, transforming your ideas into sales at local Farmers' Markets. We'll work together to learn the basics of business and SPARK new ideas based on your talents!

4-H'ers only need to bring a willingness to learn to begin this incredible opportunity to learn business skills from the bottom up. They'll apply these skills and set the foundation to grow into future business leaders. Join us for an exciting hands-on adventure that will build on what you know and transform your talents into marketable skills.

**No experience necessary.
4-H'ers do not need to have a product planned.**

**Ages
5-19**



Entrepreneurship Workshops

May 4th, May 18th, June 1st, and June 15th
McCoy Conference Room

Field Trip: June 11th

Market Dates

July 2nd, August 6th, September 3rd,
October 1st, and November 5th

* Participants must attend all 4 workshops and a minimum of 3 markets.

REGISTER TODAY!

Prince William 4-H Entrepreneurship Project

[Click here for the application.](#)

[Click here for the project schedule/timeline.](#)

Applications are due April 27th

Clover(bud) Club - Planting Tree Seedlings

Date: Saturday, May 7th

Time: 9 am-1 pm

Location: Bristow Station Park

Who Should Attend: PWC youth ages 5-8

[Click here to register](#)



Celebrate the end of a fantastic Clover(bud) Club year at our next meeting on Saturday, May 7th! Come meet other 4-H families as we plant tree seedlings and learn about the environment.

Environmentally Friendly Community Service Opportunities



Plant Tree Seedlings

Date: Saturday, May 7th, 9 am - 1 pm

Location: Bristow Station Park

What to Bring: Shovel, water bottle, wear boots and dress for the weather

Who Should Attend: EVERYONE! Youth under 13 must have a parent present. This is a family-fun event.

[Click here to register](#)



Turn Your Community Service into a Service Learning Project

Learning is fun! Put your **Head, Hearts, Hands and Health** to greater good with a Service Learning Project. Not only will you do good for the community, but you will take pride in the journey by documenting your work and learning how to become an even better citizen and leader. Service Learning Projects are documented community services that begin by identifying a need, setting a goal, creating steps for the project, and assessing the process and how well you met your goal.

Why Choose a Service Learning Project? A Service Learning Project transforms your good deeds to learning moments. Understanding donation collections, organizing volunteers, distributing goods, and more, further develops your understanding of the needs of the world around you and how you can impact the community.

What Can be a Service Learning Project? Any community service can be a Service Learning Project. The only difference is planning, documenting, and assessing.

STEP 1

Review Virginia 4-H's guide "[Conducting Community Service Learning Projects](#)"



STEP 2

Use the appropriate PWC 4-H project record book to record your goals, track your activity and reflect on your learning... You will have a complete project record book that you can submit on its own, or you can add it to your 4-H portfolio.

Turn these in for judging at the end of the 4-H year! (Find out more at [Portfolio and Presentation Training on October 29th!](#))

Join us for the return of our 4-H Tree Seedling Project! Boxes of seedlings arrived at our office today and are ready to plant. Use your hands, heart, head and health to help the environment and make our world a better place for generations to come.



Adopt a Garden at the PWC Fairground

More info coming soon

Explore your gardening skills by adopting a garden at the PWC Fairgrounds. Adoptions are available to clubs or families. Be creative while helping to keep the fairgrounds beautiful for all to enjoy!

Prince William 4-H plants and maintains the small gardens as our way of giving back to the fairgrounds and thank them for their support. The PWC Fairgrounds allows 4-H to hold club meetings, Workout Wednesdays, the 5K Race, and more, giving us a fantastic outdoor arena to learn and grow. Put your helping hands to work through this community service opportunity!

Grow with your garden by turning your community service into a Service Learning Project! Click on the image to the left to learn more about SLP's.

Additional Resources

[4-H at Home: Gardening & Plant Science](#)

[4-H at Home: Growing Gardeners](#)

[4-H Gardening Curriculum](#)



Only a Few Spots Remaining for 4-H Junior Camp!



Dates: July 24th - 28th

Location: Northern Virginia 4-H Center, Front Royal, Virginia

Who Should Attend: 4-H Camp is co-ed and campers must turn 9 by 9/30/2022 and must be no older than 14 on 12/31/2021.

[Click here for more information and to register.](#)

4-H Junior Camp is a five-day, four-night camp where youth explore new interests, enjoy swimming and recreation, and participate in evening activities and campfires. Visit the link above to view Class Tracks, course descriptions and more.

Virginia 4-H Camp Scholarship Opportunity

[Click here for more information and to apply.](#) - **Due May 20th**

The application for the first annual Preston R. Wilson Virginia 4-H Camp Scholarships for youth ages 9 – 14 is available. Four scholarships are available for each of the six 4-H Centers in Virginia.

Early Registration for Prince William 4-H Fair Camp is OPEN!



August 15th - 19th, 9 am-12 pm, at the Prince William County Fairgrounds

[Click here for more information and to register.](#)

4-H Fair Camp is a day camp for youth ages 5-12 held during the week of the annual County Fair at the Prince William County Fairground. Youth learn and grow in a safe and exciting environment through creating arts projects, exploring fair exhibits, and enjoying team games and activities.

Camp Counselors - be sure to get your registration in today and put your personal touches into Prince William 4-H Fair Camp, including camp theme, crats, activities and more!

Wellness Wednesday

Dates: Every Wednesday beginning March 2nd

Time: 5 - 6 pm

Location: Prince William County Fairgrounds

Who Should Attend: All PWC youth interested in 4-H and being healthy!

What to Bring: Water bottle and dress in layers



Join your fellow 4-H'ers in a 12 week conditioning program to get healthy this spring! Youth are meeting each Wednesday to stretch, move, and cool down with a healthy living discussion. All levels and experience are welcome!

Prince William 4-H Senior Ice Cream Social

Seniors - please complete the Doodle Poll with the dates that work best for you!

[Click here to respond to the poll.](#)

It's time to celebrate our class of 2022! All graduating 4-H'ers are asked to complete the Doodle Poll above to help us select the best date to have ice cream and celebrate all that you've accomplished during your time as a 4-H'er. This special event will include awarding scholarships, Camp Seniors recognition, and much more.

You've grown so much with 4-H and we can't wait to see the paths you choose!

"You have brains in your head. You have feet in your shoes. You can steer yourself any direction you choose. You're on your own. And you know what you know. And YOU are the one who'll decide where to go..."

— Dr. Seuss, Oh, the Places You'll Go!





SAVE the DATE

VIRGINIA 4-H TEEN SUMMIT

DATE 5/20/2022 - 5/22/2022

LOCATION W.E. Skelton 4H Center, Wirtz, VA

What is this about?
 Focused on Social Justice and Equity + Inclusion issues such as racial justice, LGBTQ+ rights, the environment, mental health, teen voice and empowerment.

Who should attend?
 Teens (14-18) interested in advocacy, Social Justice issues, leadership or wanting to learn how to make a change in their communities.

CONTACT DR. ERIKA BONNETT (EBONNETT@VT.EDU) OR DR. TONYA PRICE (TOTAYLOR@VT.EDU) WITH QUESTIONS!

Virginia Cooperative Extension
 Virginia Tech • Virginia State University

Virginia 4-H Teen Summit - Register Today!

Dates: May 20th - 22nd

Location: W.E. Skelton 4-H Center, Wirtz, VA

Who Should Attend: Teens 14-18

Cost: \$50 due by May 10th

[Click here to register on 4-H Online](#)

Register by April 30th

The 4-H Teen Summit Leadership Team consisting of 19 teens and adult mentors have been busy planning a phenomenal 4-H Teen Summit for Social Justice this spring! All state and 4-H guidelines for in person and overnight programming will be followed during the event. The 4-H Teen Summit will be focused on social justice issues like LGBTQ+ rights, mental health, racial justice, the environment, education, food insecurity, and much more. The goal around the summit is to create a safe space for youth to talk about advocacy and issues that impact them, and how to create change in their communities.

VA 4-H Equity and Inclusion Taskforce Fundraiser

[Click here to order.](#)

The Virginia 4-H Equity and Inclusion Taskforce is excited to be hosting a fundraiser to support their work in "Making the Best Better for All." This teen-led taskforce works to assess issues related to equity in 4-H and design and implement solutions to foster an environment where youth can feel welcome. This group has presented workshops at the local, state, and national level and needs your support to continue their efforts. Using original artwork, the taskforce has created three products for sale: a Tervis tumbler, a t-shirt, and a tote bag. The proceeds of this sale will go towards supporting the taskforce and spreading their message of empathy, understanding, and belonging throughout Virginia.



Virginia 4-H Horse Program Updates



Horse Declarations are OPEN for 2022!

Register online at v2.4honline.com

Registration Extended Deadline: May 15th (no late registrations will be excepted)

All 4-H'ers must declare their project animal by May 15th through 4-H Online to show at the State 4-H Championship Horse & Pony Show. The State 4-H Show is being held September 8th - 11th.

[Paper Copy of Project Horse Declaration Form](#) (inquire with your Extension agent for requirement)

Qualifying Shows

Please also check the calendar and make your plans now for your District Qualifying Show or Clinic, a requirement to show at the state show. Check entry deadlines as some are fast approaching! Please inquire with your District Horse Council contacts about any additional dates and scheduling horsemanship skills. All dates must be posted on the horse program website.

- [District Qualifying Clinics](#)
- [District Qualifying Shows](#)
- [Horsemanship Skill Dates](#)



2022 Southern Regionals 4-H Horse Championships

Date: Aug. 3-7, 2022

Location: Georgia National Fairgrounds & Agricenter, Perry, GA

[Click here to apply](#) • [Click here for VA 4-H information](#) • [Click here for Southern Regionals website](#)

Applications due by May 15th

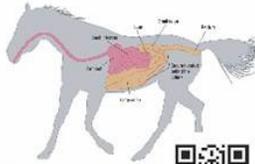
The SRHC Organizing Committee is proud to host the 2022 Southern Regional 4-H Horse Championships! With the cooperation of the Horse Specialists from 13 southeastern states, Southern Regionals is the only event of its kind in the nation. Virginia 4-H can send 70 horse/rider combinations.

THE EQUINE GI TRACT

Thursday, April 28 @ 6:30pm

Part of VCE's 2022 Equine Nutrition Series:
Biomolecules and Your Horse's Health

The Virginia Tech MARE Center
5527 Sullivan's Mill Road
Middleburg, VA 20117



Questions? E-mail Jim Hilleary at
james58@vt.edu

Register online at bit.ly/VCE220428 (preferred)
or call Jess Yon @ 571-367-8324.



Save the Dates! 2022 Equine Nutrition Series
Biomolecules and Your Horse's Health

In-Person Event at MAREC

April 28 - The Equine GI Tract with Carrie Swanson

Virtual Events

May 17 - Forage Management with Amanda Grev, PhD

June 21 - Supplements with Kristine Ely

July 26 - Equine Feed Labels with Jeff Semler

August 24 - Equine Life Phases with Robin White, PhD



SWONIA-ARBUOL, USA, OPERATIONAL
MIDDLEBURG AGRICULTURAL
RESEARCH AND EXTENSION CENTER
VIRGINIA TECH.



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Franklin County Youth Livestock Show

Franklin County
Youth Livestock
Show

Registration Packet
3 Ways to Access

Scan the QR Code
email: cmartel@vt.edu
call: 540-483-5161



Date: Saturday, June 18th

Location: Double D Arena, Wirtz, VA

[Click here to register.](#)

Register by May 13th.

The show includes beef and dairy cow/
steers, sheep, goats, poultry, and rabbits.
The event is open to
all youth ages 5-19.



Vote for Prince William 4-H Association!



Voting is now open in the
InsideNoVa's Best of Prince William
2022 contest! The Prince William 4-H
Association is listed under "Around
Prince William - Non-Profit/Organization."
Voting ends April 30th. You can also
support VCE Master Gardener Nancy

Berlin as "Most Community Involved Person" and vote for the
VCE Master Gardeners program under "Non-Profit/
Organization." Thank you for your support! [Click here to vote.](#)



SW DISTRICT 4-H
HORSE COUNCIL

Horse Clinic

This District Qualifying clinic is designed to
provide 4-Hers an opportunity to ask questions and
build their knowledge in preparation for the State
Show. Reviewing the 4-H Rulebook for class
expectations, practicing patterns, and much more.

When: Saturday

June 4, 2022

9:00am - 12:00pm

Where: 25236

Hillman Hwy NE,

Abingdon, VA

24210

Deadline is May 20, 2022

Cost: \$10

Pre-Registration is
REQUIRED

Scan QR code for
Registration link



SW District 4-H Horse Council Contacts:

Mattie Ruth Graham 276-870-3609

Anita Cox 276-613-2938



Virginia Cooperative Extension
Virginia Tech • Virginia State University



www.ext.vt.edu

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Host a 4-H'er from Abroad!



***Virginia 4-H: Inbound States
Program has received host family
applications for 6 girls and 4 boys and a
few weeks of the chaperone. We still
need host families for 2 more girls and
3 more boys and the rest of the weeks
for the chaperone.***

In addition, a host family is needed for a 15-year-old boy with a
special condition, ADHD and/or autism spectrum disorder. Please
[Wendy Herdman](#) know if you are interested in learning more.

There will be a virtual host family orientation in mid-June.

**Please consider opening your hearts and homes
to this fantastic citizenship opportunity!**



Click here for [States' 4-H
International Exchange Programs](#)

Click here for [Host Families FAQ](#)

[Click here to apply to host.](#)

Virginia 4-H State Congress



100th Virginia 4-H Congress

Dates: June 21st - 24th; Competitions held on Tuesday, June 21st, 10am-4pm.

Location: Virginia Tech, Blacksburg, VA

[Click here for more information](#) including Key Points and Forms

Registration begins April 26th and ends May 16th on 4-H Online.

Virginia 4-H State Congress is the premier, statewide annual 4-H event for outstanding 4-H teens and adult volunteer leaders. Its mission is to provide competitive and non-competitive educational experiences to Virginia teens and the adults who work with them, helping them to develop life skills and leadership abilities to become contributing citizens in their communities. If you are a senior 4-Her (will turn 14 before Sept. 30th) you are eligible to attend 4-H State Congress!



*"100 Years to
Larger Service"*



VA State 4-H Cabinet Elections

Who: Prince William 4-H Teens

[Click here for the 2022-2023 State 4-H Cabinet Elections Packet.](#)

Applications are Due May 6th at 5 pm.

Virginia 4-H Youth Voices Awards Expo

Date: Saturday May 14th, 12:15 to 3:15 pm

Location: Richmond Virginia TBA

[Click here to register.](#) **Register and submit video by May 11th.**

*Note - Youth do not have to attend the event to submit a video and enter the competition.



Create a simple video with a powerful message and you could win a 4-H Oscar Award! Create a short inspiring video using a phone or a camera. For example, the video could be about something that tackles comparison on social media, or mental health, or wellness or all three. Encourage your youth to be creative and think outside the box. They can create a "Tik Tok" style video or a music video or photo slide show with narration or animation, etc. It's up to them.

[Contact Hermon Maclin at hmaclin@vt.edu](mailto:hmaclin@vt.edu) for assistance with creating your story, filming or editing videos.

[Click here for Virginia 4-H Youth Voices Facebook Page.](#)

STORYTELLING TIPS, Submitted by Hermon Maclin

STEP ONE: Gather your creatives in a comfortable setting. Spark a brainstorming activity by asking each youth to write a true story about themselves, include their feelings and things that they think people don't really know about them. Ask them to volunteer to read their story out loud to the group. This will help get the storytelling wheels turning and help them open up and get to know each other better and trust each other creating a feeling that'll help them work freely as a creative team.

STEP TWO: Once they have finished sharing their personal stories, have them brainstorm ideas for the story they want their video to tell. Write their story suggestions on the wall and have them select the one story they want to go with.

STEP THREE: Once they have decided on a story to tell, have them answer the following six questions that will basically create an outline for their script and video. The tutorial found at the following link will explain why answering these questions is so important. https://youtu.be/F7i3w6XW_2Q

STEP FOUR: Storyboarding - Create a newspaper style comic strip using a separate sheet of typing paper for each scene drawing pictures to show what's happening in the scene and the location/surroundings and add captions describing what's going on in the scene, camera angles etc. These scenes/sheets can be moved around as needed as the story evolves.

STEP FIVE: Shoot the video with a cellphone. Film scenes making sure the video and audio is good quality. Lighting is important and hold the phone close to the person speaking to get good audio or use a cordless microphone that's compatible with cellphones.

FINAL STEPS: Edit video (*we can help with that*), Critique and tweak (*We can help with this*), Submit final video

4 The Earth Photo Contest - DUE SATURDAY



Quick turn-around! Entries are due by 11:59 pm on Saturday, April 30th

[Click here to apply.](#)

The Virginia Soil Health Coalition, with backbone support of Virginia Tech and Virginia Cooperative Extension, is hosting 4 The Earth photo contest as part of its ongoing 4 The Soil Awareness Initiative.

Share a photo that showcases a core principle of soil health management in your community. The winning photo will be featured across 4 The Soil and winner receives a 4 The Soil "swag bag!" The four core soil health principles are: 1) Keep soil covered, 2) Minimize soil disturbance, 3) Maximize living roots, and 4) Energize with diversity. More soil health information and resources can be found at <https://www.4thesoil.org/> and <https://www.virginiasoilhealth.org/>.

VCE Prince William Saturday in the Garden Classes

Saturday in the Garden in-person classes start May 14th! Classes are 9:00 am to 12:00 noon (*some classes may end earlier*). Follow the links below to register for upcoming Saturday in the Garden classes or visit <https://www.pwcva.gov/departments/virginia-cooperative-extension/horticulture-classes> for a complete list of in-person and Zoom classes.

May 14 – Pruning Flowering Shrubs/Plant Sale

[Click here to register](#)

Join us for a demonstration on the proper pruning of flowering shrubs. While you are there, look at the native plants at the MGPW Spring Plant Sale!

June 11 – Native Bees

[Click here to register.](#)

Join Cecilia Vuocolo and learn about the native bees and the role they play.

July 9 – Turf & Weeds

[Click here to register.](#)

Weeds getting you down? Environmental Educator Natali Walker will discuss proper lawn care, types of turf, fertilizing and weeds.

August 13 – Propagation/Cover Crops

[Click here to register.](#)

Increase your enjoyment, knowledge and success making new plants through seed starting, cuttings, layering and division. Learn about how to use cover crops to improve your soil.

September 10 – Tree and Shrub Planting/Plant Sale

[Click here to register.](#)

Fall is a great time to plant trees and shrubs. Learn how to select and properly plant appropriate and beautiful native trees and shrubs that fit your suburban yard.

October 8 – Shade Gardening

[Click here to register.](#)

Join Master Gardener Harriet Carter as she discusses the shade gardening and previews beautiful native plants for shade.

Check out more from our partners at VCE!

[Agriculture & Natural Resources](#)

[Financial Education](#)

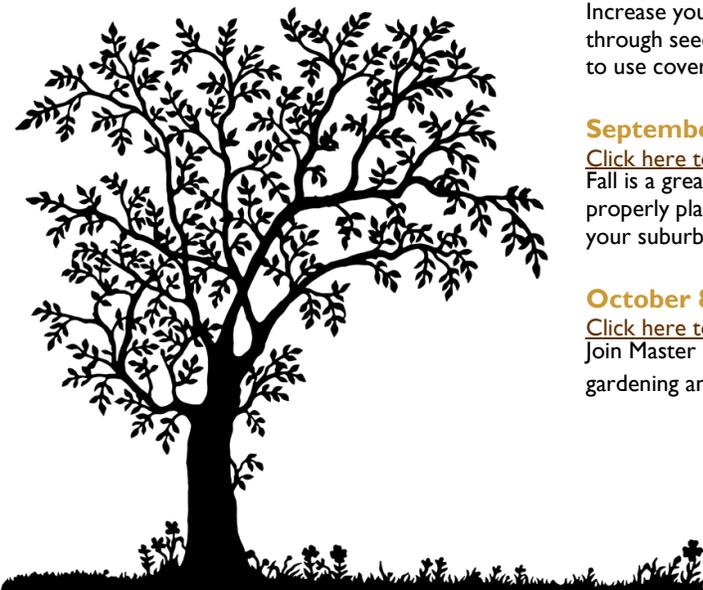
[Parent Education](#)

[SNAP Education](#)



**Virginia
Cooperative
Extension**

Virginia Tech
Virginia State University

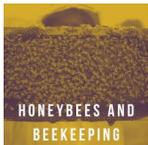


Virginia Cooperative Extension Speakers Bureau

End of Year
Enrichment
Ideas!

ELEMENTARY ENRICHMENT PRESENTATIONS

Virginia Cooperative Extension (VCE) is an educational outreach program of Virginia's land-grant universities: Virginia Tech and Virginia State University. The goal of the VCE Speakers Bureau is to connect youth with VCE experts on a wide range of topics. These experts will convey research-based information to your students and enhance your students' learning. These presentations are open to school classrooms, 4-H Clubs, and homeschool groups, and are offered at no cost. [Click here for more information on presentations available and to request a virtual visit with a speaker.](#)



HONEYBEES AND BEEKEEPING: Phil Blevins, Agriculture and Natural Resources Extension Agent will teach students the importance of honeybees and an overview of beekeeping. This presentation is for students in grades K-5 and is 30 minutes long.



TEACHING YOUR DOG AND YOUR FRIENDS WITH KINDNESS: Dr. Erica Feuerbacher, Professor at Virginia Tech, will go over in simple terms how to use rewards (positive reinforcement) to train dogs to do tricks and behave better. She will also tie this into how we can interact with other humans better using these same approaches--telling people what we like about what they do, saying thank you etc. There will be plenty of dog videos! This presentation is for students in grades K-5 and is 30 minutes long.



LEARN TO SPEAK DOG: Dr. Erica Feuerbacher, Professor at Virginia Tech, will go over how dogs communicate, what their warning signals are, and how to stay safe around dogs. This presentation is for students in grades K-5 and is 30 - 45 minutes long.



BLINK! THINK! MAKE YOUR CHOICE; USE YOUR VOICE: When we place children in the care of other adults, we trust they will be safe; but we know we cannot be totally sure. When a supposedly trusted authority figure tells a child to do something wrong, it is a confusing and potentially dangerous experience. Dr. Eric Kaufman, Professor at Virginia Tech, will introduce students to an age-appropriate strategy for intelligent disobedience. The intention is to teach the children how to make sensible decisions about instructions that they are given by adults. This presentation is for students in grades K-5 and is 15 - 30 minutes long.



GOODS FROM THE WOODS: In this presentation, Lenah Nguyen, 4-H Extension Agent will teach participants will about tree anatomy, the importance of forestry products in their everyday lives, and the differences between renewable and non-renewable resources. This presentation can be delivered to any K- 12 classroom but targets SOL 4.8 - Virginia's Watersheds and Natural Resources. This presentation is 30 minutes long.



AFRICULTURE: Michael Carter Jr., Small Farm Resource Center Coordinator at Virginia State University introduces students to the multitude of contributions by people of African descent to agriculture. This presentation can be adapted for students from grades K -12 and can be 30 - 60 minutes long.



DAIRY: Jeremy Daubert and Cynthia Martel, Dairy Science Extension Agents, can talk to your students on just about any topic related to Dairy Science. They can present to any students in grades K-12 and speak for 15 - 30 minutes.



VIRGINIA WILDLIFE: Using furs, skulls, and live animals, Bonnie Tillotson, 4-H Extension Agent will help youth learn about Virginia Wildlife. Youth will learn about native species, predators vs. prey, how skulls differ between herbivores, omnivores, and carnivores, and what wildlife need to survive. This presentation is for students in grades 3 - 5 and is 30 - 45 minutes long.



THE WORLD AS AN APPLE: Mandi Dolan, 4-H Extension Agent, will help students examine soil horizons and investigate best management practices for soil conversation through this interactive lesson targeting SOLs 3.10 and 4.9. This presentation is for students in grades 3 - 5 and is 30 - 45 minutes long.



SIMPLE MACHINES WE USE EVERY DAY: Ruth Wallace, 4-H Extension Agent, will guide students through a discussion of simple machines that we use all the time without realizing how much help they give us. The presentation involves going through the simple act of making chocolate pudding and discussing each simple machine used. This presentation targets VA Science SOL 3.2 and is 15 minutes long.



SOIL SCIENCE: Ruth Wallace, 4-H Extension Agent, teaches students about soil components, organisms in soil, and the importance of soil as a natural resource. This presentation targets VA Science SOL 3.6 and 3.8 and is 15 - 30 minutes long.



EXPLORING WATERSHEDS: Ruth Wallace, 4-H Extension Agent, can provide multiple presentations about all aspects of watershed education - topography, water quality, place-based stewardship, freshwater ecology, erosion, and conservation. SOLs addressed include VA Science 6.6, 6.8, 6.9, LS.5, LS.9. These presentations can be adapted for students in grades 3 - 8 and can be 15 - 45 minutes long.



SUGAR BUSTERS: Erin Morgan, 4-H Extension Agent, will help students compare the serving sizes and added sugar content of foods served at meals and various family celebrations. This presentation targets Health Education SOL 4.2 and is 30 minutes long.



SOILS FOR THE GARDEN AND THE FARM: Tim Ohlwiller, Horticulture Extension Agent, will introduce students to soils and soil health. Topics covered will include testing, mapping, organic matter, and cover crops. This presentation can be adapted for students in grades 3 - 12 and can be 15 - 60 minutes long.

Virginia Cooperative Extension Speakers Bureau

MIDDLE SCHOOL ENRICHMENT PRESENTATIONS

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GOODS FROM THE WOODS: In this presentation, Lenah Nguyen, 4-H Extension Agent will teach participants will about tree anatomy, the importance of forestry products in their everyday lives, and the differences between renewable and non-renewable resources. This presentation can be delivered to any K- 12 classroom but targets SOL 4.8 - Virginia's Watersheds and Natural Resources. This presentation is 30 minutes long.



AFRICULTURE: Michael Carter Jr., Small Farm Resource Center Coordinator at Virginia State University introduces students to the multitude of contributions by people of African descent to agriculture. This presentation can be adapted for students from grades K -12 and can be 30 - 60 minutes long.



EXPLORING WATERSHEDS: Ruth Wallace, 4-H Extension Agent, can provide multiple presentations about all aspects of watershed education - topography, water quality, place-based stewardship, freshwater ecology, erosion, and conservation. SOLs addressed include VA Science 6.6, 6.8, 6.9, LS.5, LS.9. These presentations can be adapted for students in grades 3 - 8 and can be 15 - 45 minutes long.



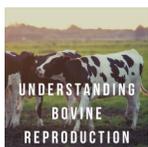
COVER CROPS: Thomas Bolles, Agriculture and Natural Resources Extension Agent, will introduce students to cover crops and their importance to soil health. This presentation can be adapted for students in grades 6 - 12 and can be 15 - 60 minutes long.



OIKOS - ENVIRONMENTAL STEWARDSHIP & ECONOMIC POLICY: Dr. Michael Ellerbrock, Virginia Tech Professor in the Department of Agricultural and Applied Economics will help teachers address economic literacy with their students. Dr. Ellerbrock can adapt a lesson for grades 6 - 12 that is 30 minutes - 60 minutes long.



PUBLIC SPEAKING 101: Carter Humphries, 4-H Extension Agent, will teach students the basics of public speaking in order to effectively develop and deliver a message that informs, influences or entertains an intended audience. They will how to plan and deliver a speech with an effective beginning, middle and conclusion. This presentation addresses English SOL 6.2, 7.1, 7.2, 8.2, 9.1, 10.1, 11.1, 12.1 and CTE Competency - deliver a speech or presentation. This presentation is for students in grades 6 -



UNDERSTANDING BOVINE REPRODUCTION: Reproductive biology is a fascinating field that includes physiology, anatomy and biotechnologies. In this presentation, Dr. Vitor Mercadente from Virginia Tech's Department of Animal and Poultry Sciences will discuss basic anatomy and physiology in the bovine as well as how reproductive biotechnologies work. This presentation is for students in grades 6 - 12 and is 45 - 60 minutes long.



INTRODUCTION TO HORSE JUDGING: Kayla Dixon, Virginia 4 -H Horse Ambassador, will teach students the basics of horse judging skills. This presentation is for students in grades 6-12, addresses Equine Science Competencies 106-113, and is 60 minutes long.



SOILS FOR THE GARDEN AND THE FARM: Tim Ohlweiler, Horticulture Extension Agent, will introduce students to soils and soil health. Topics covered will include testing, mapping, organic matter, and cover crops. This presentation can be adapted for students in grades 3 - 12 and can be 15 - 60 minutes long.



DAIRY: Jeremy Daubert and Cynthia Martel, Dairy Science Extension Agents, can talk to your students on just about any topic related to Dairy Science. They can present to any students in grades K-12 and speak for 15 - 30 minutes.



USING SOIL HEALTH CARDS: Thomas Bolles, Agriculture and Natural Resources Extension Agent, will introduce students to the New South Wales Soil Health Card as a hands-on way to monitor soil. Teachers can also use this to as a basis for long-term monitoring the soil at their school. This presentation can be adapted for students in grades 6 - 12 and can be 20 - 60 minutes long.



ENTOMOLOGY: Tim Ohlweiler, Horticulture Extension Agent, will introduce students to insects and explain their role in our world. This presentation can be adapted for students in grades 6 - 12 and can be 15 - 60 minutes long.



WHAT'S IN YOUR WATER: Water Quality Extension Associate, Erin Ling will provide an overview of drinking water quality concerns, groundwater basics and private water supplies. This presentation is for students in grades 6 - 12 and targets SOLs for Earth Science, biology and chemistry. This presentation is 30 minutes long.



VALUES & GOALS - YOUR MONEY MINDSET: Money is emotional. Financial Counselor, Joanne Bilotta will discuss how values and goals set us up for future planning and spending. Knowing these in advance and planning for large purchases as well as having a reasonable spending plan sets youth up for success. This presentation is for students in grades 6 - 12 and is 30 - 45 minutes long.



HEY MA! WHAT ABOUT GOATS? Jim Hilleary, Agriculture and Natural Resources Extension Agent reviews several considerations for buying goats or holding off on that decision. This presentation is for students in grades 6-12 and is 60 minutes long.



HEY MA! WHAT ABOUT CHICKENS? Jim Hilleary, Agriculture and Natural Resources Extension Agent discusses considerations for starting a backyard chicken flock (or not). He explains reasons why a backyard flock may or may not be a good idea. This presentation is for students in grades 6-12 and is 45 minutes long.



CANINE BEHAVIORAL SCIENCE - ASKING THE DOGS WHAT THEY LIKE: Dr. Erica Feuerbacher, Professor at Virginia Tech, will discuss how to use simple research procedures to ask dogs about what they like and don't like and how information learned can be used to improve our interactions with our furry companions. This presentation is for students in grades 6-12 and is 30 minutes long.

Virginia Cooperative Extension Speakers Bureau

HIGH SCHOOL ENRICHMENT PRESENTATIONS

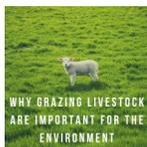
Virginia Cooperative Extension (VCE) is an educational outreach program of Virginia's land-grant universities: Virginia Tech and Virginia State University. The goal of the VCE Speakers Bureau is to connect youth with VCE experts on a wide range of topics. These experts will convey research-based information to your students and enhance your students' learning. These presentations are open to school classrooms, 4-H Clubs, and homeschool groups, and are offered at no cost. [Click here for more information on presentations available and to request a virtual visit with a speaker.](#)



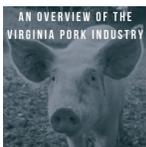
INTERNATIONAL BEEF PRODUCTION: Beef production is a multifaceted and dynamic global business. The goal is the same, but production systems vary tremendously depending on the region of the world. In this presentation, Dr. Vitor Mercadente from Virginia Tech's Department of Animal and Poultry Sciences will help students explore the similarities and differences among the major beef production countries in the world. This presentation is for students in grades 9 - 12 and is 60 minutes long.



BEEF CATTLE REPRODUCTION: In the past decades several advancements were made on the reproductive technologies that are available for beef producers. In this presentation, Dr. Vitor Mercadente from Virginia Tech's Department of Animal and Poultry Sciences will discuss these technologies and how to apply them to improve beef cattle productivity. This presentation is for students in grades 9 - 12 and is 60 minutes long.



WHY GRAZING LIVESTOCK ARE IMPORTANT FOR THE ENVIRONMENT: In this presentation, Carl Stafford, Animal Science Extension Agent, will share with youth the role of grazing livestock in removing carbon dioxide from earth's atmosphere. This presentation is for students in grades 9 - 12 and is 30 minutes long.



AN OVERVIEW OF THE VIRGINIA PORK INDUSTRY: Mark Estienne, Swine Research Physiologist, will teach students about the history of raising pigs in Virginia; modern production and management; and how the pork industry is an important component of the Commonwealth's Agricultural Industry. This presentation is for students in grades 9 - 12 and is 45 minutes.



INTRODUCTION TO ENTERPRISE BUDGETS: Jim Hilleary, Agriculture and Natural Resources Extension Agent, introduces students to the enterprise budget as a farm financial tool. The presentation supports the 8008 Series Curriculum: Introduction to Animal Systems and can be delivered to students in grades 9 - 12 in 45 minutes.



DO I WRITE IT OR TYPE IT? HOW TO PREPARE A COVER LETTER AND RESUME: Mandi Dolan, 4-H Extension Agent, will lead this open-ended Q&A style lesson to provide an opportunity for students to create their own basic resume and cover letter. General examples and guidance are provided throughout to assist in the professionally creative process. This presentation is for students in grades 9 - 12 and is 45 - 60 minutes long.



LOANS AND GRANTS: Financial Counselor, Joanne Bilotta will help students understand the world of loans - auto, student, and home. Students will also learn why credit is important and how to maintain it. This presentation is for students in grades 9 - 12 and is 45 minutes long.



CAN I WEAR PAJAMA PANTS? HOW TO PREPARE FOR VIRTUAL INTERVIEWS: Is it appropriate etiquette to wear pajama pants during a virtual interview? Mandi Dolan, 4-H Extension Agent, will help your students explore the expectations of today's job culture through activities highlighting the general application process, different types of interviews, and the proper attire for various professional settings. This presentation is for students in grades 9 - 12 and is 45 - 60 minutes long.

THESE PROGRAMS ARE ALSO AVAILABLE TO HIGH SCHOOL STUDENTS, AS WELL AS A WIDER AUDIENCE:

- Goods from the Woods (*Grades K-12*)
- Africulture (*Grades K-12*)
- Dairy (*Grades K-12*)
- Soils for the Garden and the Farm (*Grades 3-12*)
- Using Soil Health Cards (*Grades 6-12*)
- Cover Crops (*Grades 6-12*)
- Entomology (*Grades 6-12*)
- Oikos - Environmental Stewardship & Economic Policy (*Grades 6-12*)
- What's in Your Water (*Grades 6-12*)
- Values & Goals - Your Money Mindset (*Grades 6-12*)
- Public Speaking 101 (*Grades 6-12*)
- Hey Ma! What about Goats? (*Grades 6-12*)
- Understanding Bovine Reproduction (*Grades 6-12*)
- Hey Ha! What about Chickens? (*Grades 6-12*)
- Introduction to Horse Judging (*Grades 6-12*)
- Canine Behavioral Science - Asking the Dogs What They Like (*Grades 6-12*)

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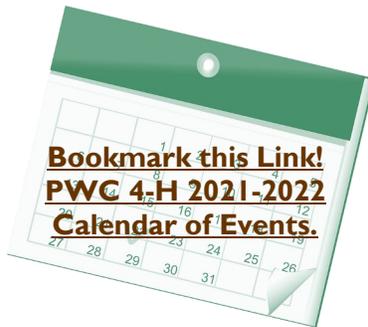
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[Cloverbud Sheet](#)
[Project Record Ages 9-10](#)
[Project Record Ages 11-12](#)
[Project Record Ages 13-15](#)
[Project Record Ages 16-19](#)

[Outstanding Member Form](#)



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