



Prince William 4-H

Our Clubs, Our Community



September 21, 2022

Upcoming Events

- Sep 23 - Oct 2 - State Fair of Virginia
- Sep 25 - Leader Kickoff
- Sep 30 - Portfolios Due
- Oct 1 - NEW 4-H YEAR!
- Oct 1 - PW 4-H Farmer's Market #4
- Oct 1 - All Star App Due
- Oct 5-16 - TSC Paper Clover Campaign
- Oct 2-8 - National 4-H Week
- Oct 6 - PW4-H Teen Meeting
- Oct 8 - Cloverbud Club
- Oct 26 - PW 4-H New Member Meeting
- Nov 5 - PW 4-H Farmer's Market #5

Inside this issue:

- [Important Dates](#) 4
- [Virginia 4-H](#) 5
- [Farmer's Market](#) 6
- [From Our Friends](#) 7
- [For Educators](#) 8
- [Become a Club Leader](#) 10
- [Teen Club & Project Ideas](#) 11
- [Contacts & Recourses](#) 18

Click to Visit



Virginia 4-H Scarf Campaign: September 26th - October 7th



Support Virginia 4-H Youth, Show your 4-H Spirit and Get a Limited Edition Virginia 4-H Scarf, too!

It's an important time for Virginia's youth. An investment in 4-H will help youth find their passion and create positive change in their lives and their community.

The Virginia 4-H Scarf Campaign is a twelve day giving campaign that rallies 4-H alumni and friends to support 4-H. By giving collectively, donors have an opportunity to make a greater impact.

All donations will support the 4-H annual fund. These funds are unrestricted and provide for immediate needs to support 4-H experiences at the state level and local level.

We believe in the power of our youth. Help us create more opportunities for all youth with a donation of \$20, and you'll have a limited edition 4-H scarf to keep you warm, and show your spirit!

To donate to the campaign, visit <https://crowdfund.vt.edu/4Hscarf> between September 26th and October 7th.

**Please note - we have a limited supply of scarves (675) and once they are gone, they're gone! The scarf is navy blue heather, 100% acrylic, and embroidered with Virginia 4-H.*



The New 4-H Year begins October 1st!

National 4-H Week is October 2nd - 8th!

Tractor Supply Fall Paper Clover Campaign is October 5th - 16th!

#Opportunity4All

Why Prince William 4-H?

"Excellent, well organized, fun, and all around one of the best camps my children attend! I love the traditional camp feel and the value of the camp can't be beat." *L. Jensen, PW 4-H Parent*



PRINCE WILLIAM 4-H Camp Counselor Celebration



Last Saturday, our Prince William 4-H Camp Counselors came together for a pizza party celebration and activities to socialize, let loose, and celebrate all that we accomplished over the past 4-H year. These youth leaders are already changing the world for the better. We can't wait to see what's next!

JOIN IN THE FUN!

PW 4-H Teen Club

Thursday, October 6th
More info coming soon! See [Page 11](#) for more information about the club.

Be sure to check out the [VA 4-H Teen Leadership Council](#) on [Page 5](#), too!

SAVE THE DATE!



“The camp exceeded my expectations! My son had a blast being a camp counselor and really grew his leadership skills and my daughter, who wouldn't leave my side, became so independent and enjoyed all of the activities!”
A. Ahmad, PW 4-H Parent



“Can I go back to 4-H camp next week please? I love 4-H camp. When I'm too old for camp, can I become a camp counselor so I can keep going?”
Tyson Family





Important 4-H Dates - FINAL REMINDERS

- **UPDATED! SEPTEMBER 25th, 3-6 PM at Buckhall Volunteer Fire Dept.: Prince William 4-H Club Leader Kickoff!** Our annual meeting is for all adult volunteers, leaders and anyone interested in starting or joining a Prince William 4-H Club. Make connections, share ideas, review the calendar, and get ready to have fun with 4-H.
- **Register by SEPTEMBER 29: VA 4-H Shooting Education Instructor Certification Weekend, Holiday Lake 4-H Center, October 15-16.** Contact Lynn Wheeless, VA 4-H State Shooting Education Coordinator, for more information and to register at (757) 778-1078 or lynnwheeless1@vt.edu.
- **SEPTEMBER 30: 4-H Project Records, Portfolios & Outstanding Member Forms Due!** It's time to finalize your portfolios and submit them to the Prince William 4-H office. We look forward to seeing how you and your 4-H Story has grown! Please contact [MaryBeth Lerch](#) with questions. [Click here for links to forms.](#)
- **OCTOBER 1: Virginia 4-H All Star Applications Due!** We know Prince William 4-H has many outstanding youth that have served in leadership roles and truly promote "Making the Best Better." Membership in this honor and service organization is the highest recognition that a 4-H'er in Virginia can achieve. [Click here to learn more about Virginia 4-H All Stars.](#) [Click here for the application guide.](#) [Click here for the application.](#)
- **OCTOBER 7: Virginia Youth in Action Applications Due!** Prince William 4-H has amazing teen leaders! This program recognizes four confident young leaders in our core pillar areas of Agriculture, Civic Engagement, Healthy Living, and STEM, giving pillar winners the chance to share how 4-H changed their lives and how they have used the skills they gained in 4-H to change the lives of others. Please consider applying!

Corrections for the State 4-H Shoot

It's important to recognize the achievements of our hard working youth! We apologize for the error. An even bigger **CONGRATULATIONS** to **Kira Lorentz who won 1st Place for Junior Trap** (not 2nd) and to the **Trigger Time Team of Kira, Aisling, and Jubilee who won 1st Place for Junior Instinctive Archer** (not 2nd). What an outstanding end to the 4-H year - well done! [Click here for the corrected Sept. 14th newsletter.](#)

Virginia State 4-H Horse Show Survey

For those that participated in the Virginia State 4-H Horse Show, please complete the feedback survey by Monday, September 26th. You can also add your photos at the bottom of the survey.

[Click here for the survey.](#)

[Click here for the Show Results.](#)

[Click here for photos by the show photographer.](#)

Thank you for participating and contributing, in particular, to the Horse Show Hero 4-Hers who rallied to raise over \$9,000!

SAVE THE DATE: Southern Regionals 4-H Horse Championship, Perry, Georgia, August

Virginia 4-H Teen Leadership Council - All PW 4-H Teens Encouraged to Apply!

Who Should Apply: 4-H Teens ages 14-18

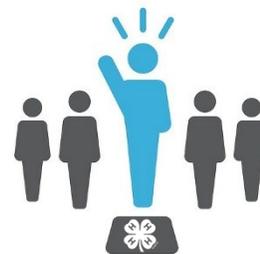
Applications Due October 9th.

[Click here to apply.](#)

The Teen Empowerment Program Team is excited to open applications once again for Center Based Teen Leadership Councils for the 2022-2023 year. These councils are open to youth between the ages of 14-18. The goal of the councils is to provide an intermediate leadership opportunity as well as a pathway to other statewide leadership opportunities. All Prince William 4-H teens who may find state level leadership opportunities overwhelming, but want to expand their skills, are encouraged to apply.

Each council member will participate in a Statewide Kickoff Event in Richmond, November 4-6, 2022 and meet a minimum of 3 additional times at their respective centers. The cost for this program is \$50, and participants will work to raise funds for additional programs.

We hope you will consider this outstanding leadership opportunity!



4-H Magical Muggles Camp



W.E. Skelton 4-H
Educational Conference Center
at Smith Mountain Lake

Date: October 21st - 23rd

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

Who Should Attend: 4-H'ers ages 9-13

Cost: \$100

Adult and teen volunteers/chaperones also needed (free to attend camp).

[Click here to register.](#)

Break out your Nimbus 3000s, dust off those wands, and get ready for a magical adventure of a weekend! The Skelton 4-H Center has a long history of hosting Harry Potter camp that goes all the way back to 2011. We're excited to announce its return with our Magical Muggles Camp! This camp is popular. Register today!



VASWCD Youth Conservation Leadership Institute

Applications due September 30th.

[Click here to apply.](#)

Youth Conservation Leadership Institute (YCLI) is a recognition program for students in 9th- 12th grade that focuses on volunteer service and environmental stewardship. YCLI began as an expansion of Youth Conservation Camp in an effort to keep students engaged in the environmental topics introduced at camp. YCLI offers high school students interested in environmental conservation and stewardship an opportunity to build leadership skills and connect with local mentors involved with environmental issues.

Students in 9th-12th grade may apply. Program participants are required to complete a minimum of 20 hours of community service with a conservation focus. The hours may be done as part of a single project or a series of projects but all projects must be approved by the YCLI Program Coordinator. YCLI participants work with the YCLI Program Coordinator to come up with a project that the YCLI Participant wants to focus on. The YCLI Participants are paired with a mentor to help them with their project. Mentors can be Soil & Water Conservation Staff, Natural Resource professionals, 4-H Agent, etc. [Click here for more information.](#)

Calling all **9-12th** grade Virginia Students
Passionate about **Service &
Environmental Stewardship:**

**Apply for the 2022-2023 Youth Conservation
Leadership Institute:**

- Explore a conservation-related topic in your local community
- Develop and implement a project of your choosing with assistance from the YCLI program director & local Soil & Water Conservation District
- Complete a minimum of 20 hours of community service with a focus in the natural resources conservation field.
- Read an assigned book on environmental leadership and participate in a virtual group discussion
- Participate in scheduled virtual group meetings throughout the program.



visit: <https://vaswcd.org/ycli> to learn more & apply

The program will run from **October 2022-April 2023**.
Deadline to apply is **September 30th, 2022**. Applications will
be notified in October 2022.



**Youth Conservation
Leadership Institute**





Prince William 4-H Young Entrepreneurs

FARMER'S MARKET

Stop by the Manassas Farmer's Market and see how our skills have grown!

Our 4th Market Day will feature PWC 4-H'ers James, Jared, Hannah, Koa, Aisling, Xanthie, Katie, Alayjah, Diallo and John David.



OCTOBER 1st, SATURDAY

8 AM - 1 PM | Manassas Farmer's Market



Virginia 4-H: Save the Dates!



2022 Youth and Family Summit

Dates: November 2nd - 4th

Location: Richmond, VA

Plans are underway for the new 2022 Youth and Family Summit. The primary focus for the joint training will be community engagement with local, state, and other partners. There will also be program specific time for additional meeting and training opportunities. *More information coming soon!*



2023 4-H Day at the Capital

Date: Wednesday, January 18th

Location: Virginia Capital in Richmond, Virginia
 Planning has begun for 4-H Day at the Capital! Please save the date on your calendar. All Prince William 4-H teens are encouraged to attend. *More information coming soon!*

VCE Ag Today
 Presents...
**Reflections on Virginia Soybeans:
 Past, Present, and Future**
 with speaker
David Holshouser
**Thursday
 September 29 @ 9 am**

Join us LIVE!
 on Zoom or FB
<https://bit.ly/vceagtodaylive>
 By Phone: 1-312-626-6799
 Meeting ID: 344 371 334
 Recorded sessions: <https://bit.ly/vceagtodayvideos>

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If you are a person with a disability and desire assistance or accommodation, please notify VCE Westmoreland at 804-493-8924/TDD* during business hours of 8:00 a.m. and 5:00 p.m. TDD number is (800) 828-1120.

Please Join Us

for the 2022 Annual Small Farm Conference
Farming in Challenging Times



November 3-4, 2022

Tentatively in Portsmouth, Virginia

Join Virginia farmers, landowners and agriculture professionals for an opportunity to hear about available resources, smart business strategies, and successful production practices—especially for those new and beginning farmers who want to learn more about what it takes to farm profitability and sustainability.

**For more information
 contact Cartelius Travis at
 804-524-2551 or ctravis@vsu.edu.**



Visit ext.vsu.edu for information on this and other upcoming events.



VSU COLLEGE OF AGRICULTURE
 @VSU_AG

If you are a person with a disability and desire any assistive devices, services or other accommodations to participate in this activity, please call 804-524-3292 / TDD 800-828-1120 during business hours of 8 am and 5 pm to discuss accommodations five days prior to the event.

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Buy/Sell Forum

The MarketMaker Partners Network is a growing partnership of Land Grant Universities, Departments of Agriculture, and food and agricultural organizations investing in a coordinated effort to build a virtual infrastructure that connects businesses throughout the food system with one another and brings healthier, fresher, and more flavorful food to the average consumer.

MarketMaker Virginia is a powerful website tool. Producers can list items for sale in the categories of Fish and Seafood, Fruit, Grains, Livestock, Meat and Poultry, Specialty Products, and Vegetables. Businesses such as restaurants, breweries, schools, and stores can also post requests for these products. The website is a quick and convenient tool for businesses to share product availability and needs within Virginia, connecting growers, buyers, processors, and more.

Posts are also available for transportation, equipment, services, and employment.

[Click here to learn more about MarketMaker Virginia.](#)

[Click here to go directly to the Buy/Sell Forum.](#)





RENEWABLE ENERGY CHALLENGES

Northern Virginia Area Event & Training Dates

WIND AND SOLAR CHALLENGE EVENTS

We will offer an in-person regional wind and solar challenges in the Virginia Beach area in 2023:

Northern Virginia Challenge at Shenandoah University – March 15th (tentative)

Winners will be invited to participate in the State Challenge at JMU on April 8th (tentative)

WIND AND SOLAR COACH TRAINING

This year, we encourage all first-time coaches to register to attend one of our informational webinars to learn more about what the challenge is, the rules, event details, kit resources, and services offered this year.

September 15th at 3:00 pm

September 27th at 3:00 pm

We will also be offering in-person regional Coach Workshops at which coaches will receive their kits, review the resources and some best practices for preparing a team for the challenge as well as have some time to try the challenge themselves.

October 29th – 10:00 am – 2:00 pm

Northern Virginia 4-H Educational & Conference Center

600 4h Center Dr.

Front Royal, VA 22630

Register for a training:

<https://forms.gle/PuruVF9ajSdiBtLc8>

FIRST TIME COACH SCHOLARSHIPS

This year we will be offering new coach scholarships to help first time coaches get the resources and support they need to make it to a challenge in the spring. Participants will receive free training, free kit resources, and mentorship. Participants, in turn, are expected to participate in training and weekly calls and attend a Wind or Solar Challenge event.

If all obligations are fulfilled, participants will receive a \$1000 stipend at the end of the season.

Apply for a Scholarship: <https://forms.gle/5zWZRaBP8GjqvBQF8>

Check our website for updates and links to participate:

https://www.jmu.edu/case/educator/renewable_energy_challenges.shtml



CENTER *for the*
ADVANCEMENT *of*
SUSTAINABLE ENERGY
JAMES MADISON UNIVERSITY.

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540-568-8768
540-383-9248 Cell



CITIZENSHIP • HEALTHY LIVING • STEM • AGRICULTURE



PRINCE WILLIAM 4-H
MAKING THE BEST BETTER

Become a 4-H Club Leader

Want to make a positive, lasting change in our community?

We invite you to become a 4-H Club Leader and help us provide safe, enriching programs where young people can explore a universe of interests, make new friends, develop leadership skills and gain life skills. 4-H clubs belong to the families within our community and focus on curriculum-based programs in the areas of citizenship, health living, STEM and agriculture. We "learn-by-doing." Our volunteers bring their unique knowledge, experiences, and skills to the 4-H program. You don't need to be an expert. You do need to be enthusiastic about learning and have a desire to work with youth.

Interest Meeting: September 25th, 3-6 pm at Buckhall Vol. Fire Dept.



We Provide the Content

- New Leader Training
- On-going Support and Training
- Annual Leader Kick-Off Meetings
- Volunteer Manuals
- Curriculum-Based Project Resources
- Networking with 4-H Club Leaders
- Special Activities and Camps at the county, district, state and national levels



You Provide YOU

- Tap into your unique talents and perspectives
- Share your knowledge and interests
- Engage youth as a mentor, advisor, teacher, role model, and more
- Create a community club or specialized club for project work
- Participate in community service



We Grow Together

- Guide youth in hands-on learning experiences that build skills and confidence
- Accomplish more with 4-H resources
- Meet new people and network
- Work with youth on key, relevant issues
- Build strong families and communities in our area
- Discover something new about yourself and others
- Have fun while you share your talents, skills and knowledge
- Increase your interpersonal, parenting and professional skills
- Be a positive, committed adult role model that is truly making a difference

4-H GROWS HERE

What are you waiting for? Prince William youth need YOU to help THEM find their own special talents, build confidence and gain life skills. Volunteering in 4-H doesn't depend on the amount of knowledge you have about a project. It relies on your willingness to help youth learn.

For more information, contact



MaryBeth Lerch
Prince William 4-H Extension Agent
4HPWC@pwcgov.org

CHECK OUT OUR NEWSLETTER!

www.pwcva.gov/4-H



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Prince William 4-H Clubs provide a place where youth can belong and grow!



4-H Clubs are open to youth ages 5-19. They can be established in-school, after school, or as independent clubs, and can be teacher or volunteer led.

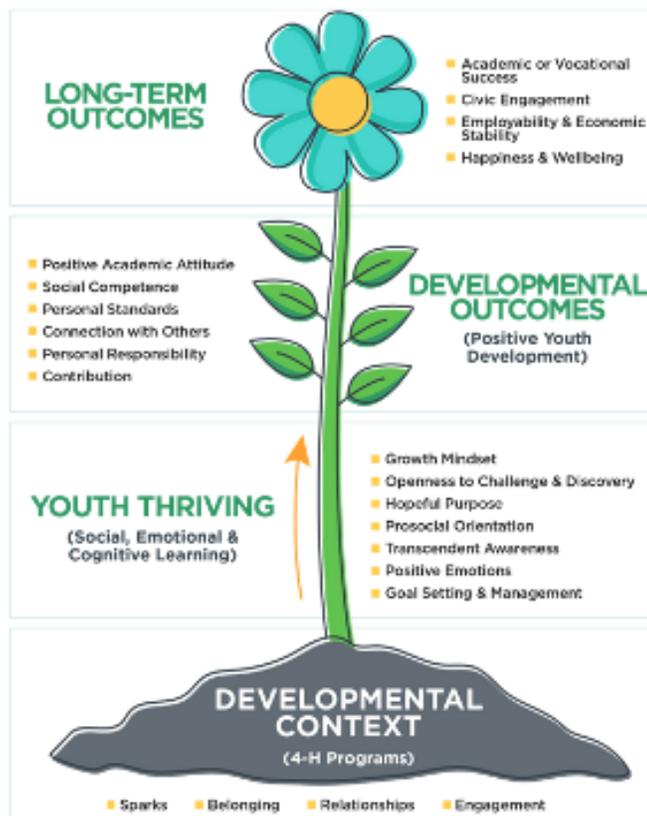
4-H Clubs focus on the 4-H Pillars of Citizenship, Healthy Living, Agriculture and STEM. Research-based curriculum and activities are readily available through Prince William 4-H on topics including animal science, careers & economic education, citizenship, communications & expressive arts, family sciences, nutrition & health, leadership, natural resources & environmental education, plants & soil, entomology, STEM, and more.

4-H youth participate in annual competitions at the state and local level, build portfolios, complete projects, engage in community service, conduct elections, attend camps and teen weekends, and have fun exploring their interests and growing into who they are meant to be. 4-H is for everyone!

Help Prince William Youth THRIVE!

STARTING A 4-H CLUB

Interest Meeting: September 25th, 3-6 pm at Buckhall Vol. Fire Dept.



Dedicated volunteers, like YOU, help Prince William County youth develop new interests, make new friends, practice decision-making skills, and gain leadership skills through 4-H.

You can start a 4-H Club in 4 EASY STEPS:

-  **STEP 1:** Contact the Prince William County 4-H Office and attend the September leadership training session. 4HPWC@pwcgov.org, (703)792-6286, <https://www.pwcva.gov/4-H>.
-  **STEP 2:** Tell the 4-H Story and invite families to join the new club by promoting the opportunities available through 4-H. Encourage adult volunteers to assist in specific club responsibilities.
-  **STEP 3:** Conduct 4-H Club Meetings and encourage youth to create a club name, establish meeting times, develop an annual plan, organize projects, and elect youth club officers.
-  **STEP 4:** Keep the 4-H Club Strong by conducting regular meetings, establishing good communications, getting involved in local, state and national 4-H activities, recognizing achievements, participating in community service, and building community relations.

Start a 4-H Club Today!



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4-H'ers are...

4X
more likely to give back to their communities

2X
more likely to make healthier choices

2X
more likely to participate in STEM activities

Prince William 4-H

Teen Club

SAVE THE DATE: FIRST MEETING IS OCTOBER 6TH!

Discover your strengths and talents by joining the Prince William 4-H Teen Club!

There's no better way to culminate your 4-H experience and exemplify fancy terms like *positive youth development* than to provide opportunities and train **YOU** to take the lead!

Skills Development

The PW 4-H Teen Club provides opportunities through training sessions, seminars, camps, and activities to grow into who **YOU** are meant to be! We'll focus on communicating effectively, positive interactions with others, growing your desire to continue to learn, how to approach decision making and strategies to solve problems, managing resources, and bringing people together to reach a common goal.

Team Building

Demonstrate and improve your leadership skills by participating in team activities throughout the year. The PW 4-H Teen Club provides opportunities to try many different team roles to help **YOU** discover your strengths. We'll also have meetings to practice our skills and learn how to work as a team.

Leadership

Test yourself by volunteering for one of the many leadership opportunities available just for **YOU!** Challenge your skills of identifying problems and developing action plans. Take ownership of the plan and follow through to reach the goals.

Networking

Build your understanding of opportunities available by networking with your peers. Learn about 4-H programs such as Ambassadors and All Stars. Discover scholarship opportunities, leadership opportunities, community service programs, and many more resume-building activities that will ultimately build **YOU!**

Socializing

The PW 4-H Teen Club fosters life-long friendships through meaningful, positive and productive activities. We'll have a lot of laughs, challenge ourselves in team building games, and encourage you to **discover who YOU are meant to be!**



Who Should Participate

Prince William 4-H'ers ages 14 to 19 that have a desire to learn, lead and strengthen their talents with the support and network of Prince William 4-H.



How to Participate

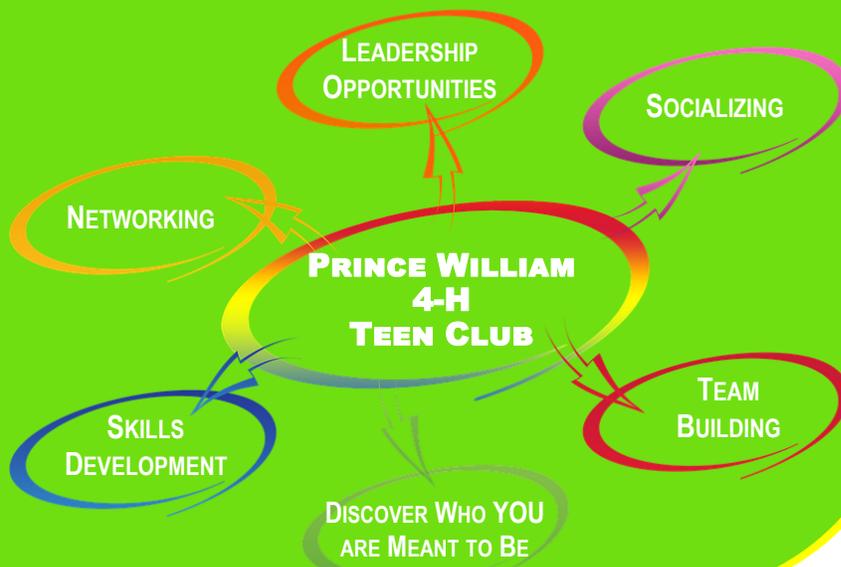
- Be a member of Prince William 4-H
- Actively participate in your 4-H Club
- Attend 1 designated PW 4-H Teen Club activity each month. Some meetings are specific to the club, while others are in conjunction with county, district and state programs and activities.



For more information or to join the **Prince William 4-H Teen Club**, please contact:

MaryBeth Lerch
mblerch@vt.edu

Learn more about Prince William 4-H at
www.pwcva.gov/4-H.



SPARK

FIND YOUR

WITH A PWC 4-H PROJECT

Project Ideas with Curriculum Available through Virginia 4-H:



Agriculture: All Agriculture project activities including by not limited to: Acres of Adventure, Ag in the Classroom, Agriculture Education Field Days, etc.

Aquatic and Marine Science: All Aquatic and Marine Science project activities to include but not limited to: Fishing, Project WET, etc.

Beef: All Beef project activities, to include but not limited to: Market Beef, Beef Heifer, Non-ownership Beef, Beef Challenge, Cattle Working, Beef Educational Activities, Youth Beef Shows, etc.

Career Exploration and Awareness: All Career Explorations and Awareness project activities.

Citizenship: All Citizenship project activities to include, but not limited to: Citizenship Washington Focus, National 4-H Conference, International Exchange, Civic Engagement, etc.

Companion Animal: All Companion Animal project activities to include, but not limited to: Dogs, Cats, Birds, Mice, Guinea Pigs and Other Exotic Species kept by humans, State Dog Show, Virtual Dog Show, etc.

Cloverbud: All Cloverbud project activities. This project area is limited to Cloverbud members only.

Communications: All Communications project activities to include, but not limited to: Discussion Meet, Extemporaneous Speaking, Presentation, Public Speaking, Radio Spot, Science Fair, etc.



Consumer Science: All Consumer Science Education project activities including but not limited to: Fashion Revue, LifeSmarts, etc.

Creative Arts: All Creative Arts project activities to include, but not limited to: Adobe Youth Voices, Filmmaking, Video, Photography, Visual Arts, etc.

Culture: All Culture project activities.

Dairy: All Dairy project activities, to include, but not limited to: Dairy Heifers, Dairy Cows, Non-ownership Dairy, Judging Contests, Quiz Bowl, June is Dairy Month Posters, Dairy Educational Activity, Dairy Shows, etc.

Earth Science: All Earth Science project activities to include but not limited to: Geology, Meteorology, Astronomy, etc.

Energy: All Energy project activities to include, but not limited to: Electric Energy, Wind Energy, etc.

Engineering: All Engineering project activities to include, but not limited to: Engineering Design Challenge, etc.



Entomology: All Entomology projects activities, including but not limited to: Beekeeping, Hokie BugFest, Butterflies, etc.

Environmental Science: All Environmental Science project activities, including but not limited to: Environmental Education, Natural Resource Weekend, etc.

Expressive Arts: All Expressive Arts project activities to include, but not limited to: Table Setting, Storytelling, Theatre Arts, Global Dance, etc.

Family Science: All Family Science project activities including but not limited to: Child Care, Babysitting, etc.

Financial Education: All Financial Education project activities including but not limited to: Kids Marketplace, Reality Store, Entrepreneurship, etc.

Forestry: All Forestry project activities, including but not limited to: Tree Identification, Forestry Educational Contests and Activities, etc.

Food and Nutrition: All Food and Nutrition project activities, including but not limited to: Choose Health, Food Challenge, Teen Cuisine, Healthy Weights for Healthy Kids, etc.

UNDERSTANDING

FUN

LOGIC

COMMUNITY

CAREERS

PERSEVERANCE

WORK ETHIC

LIFE SKILLS

COMPASSION

GIVING BACK

HEALTHY HABITS



Goat: All Goat project activities, to include, but not limited to: Breeding Goat, Dairy Goat, Fiber Goat, Market Goat, Non-ownership Goat, Market Goat Shows, Dairy Goat Shows, Goat Skillathon, etc.

Healthy Living: All Health Living project activities, including but not limited to: Health Rocks, Yoga for Kids, etc.

Horse and Pony: All Horse & Pony project activities, to include, but not limited to: Horse, Pony, Horseless Horse, Non-ownership, 4-H Horse & Pony Shows, Hippology, Horse Judging, Horse Quiz Bowl, Horse Communications Contest, VA Horse Ambassador, etc.

Leadership: All Leadership project activities to include, but not limited to: 4-H Day at the Capitol, 4-H Congress, iCongress, National 4-H Congress, Teen Excellence in Leadership Institute (TELI), Teen Leader, etc.

Livestock Education: All Livestock Educational project activities, to include but not limited to: B&B Contests, Stockmen's Contests, Skillathons, Meat Judging, Judging Camps & Clinics, Beef Challenge, Pork Challenge, etc.

Outdoor Adventure: All Outdoor Adventure project activities

Other Animal: All Other Animal project activities not specifically listed. This could include, but not limited to: Alpacas, Llamas, Other Animal Non-ownership, etc.

Plant and Soil Science: All Plant and Soil Science project activities including, but not limited to: Jr. Master Gardener, Horticulture, Garden, School & Community Gardens, etc.

Personal Development: All Personal Development project activities to include, but not limited to: Character Counts!, Overnight Camping programs, Service Learning, etc.

Poultry: All Poultry project activities, to include but not limited to: Market Poultry, Breeding Poultry, Poultry Judging, Embryology, Poultry Educational Activities, Non-ownership Poultry, etc.

Rabbit: All Rabbit project activities, to include but not limited to: Breeding Rabbit, Meat Rabbit, Show Rabbit, Non-ownership Rabbit, etc.

Robotics: All Robotics project activities to include, but not limited to: Junk Drawer Robotics, LEGO Robotics, etc.

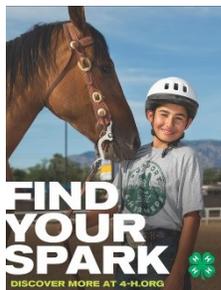
Science Inquiry: All Science Inquiry project activities to include but not limited to: Mission to Mars, etc.

Sheep: All Sheep project activities, to include but not limited to: Breeding sheep, Market lambs, Sheep Educational Activities, Non-ownership Sheep, Sheep & Goat Symposium, Sheep Shows, etc.

Shooting Education: All Shooting Education project activities, including but not limited to: Air Rifle, Shotgun, BB, Archery, Skeet, Spring Air Match, State Shoot, State Archery Match, Shotgun Championships, VA Shooting Sports Ambassador, Shooting Camp, etc.

Swine: All Swine project activities, to include but not limited to: Breeding Hog, Market Hog, Non-ownership Swine, Swine Shows, Pork Challenge, VT Swine Day, Swine educational activities, etc.

Technology: All Technology project activities to include, but not limited to: Aerospace, Computers, Drones, Makey-Makey, etc.



Vet Science: All Vet Science project activities including but not limited to: The Normal Animal, Animal Diseases, Animal Health and Our World, Airedales to Zebras, etc.

Wildlife: All Wildlife project activities to include, but not limited to: Wildlife Habitat Education Program (WHEP) program, etc.



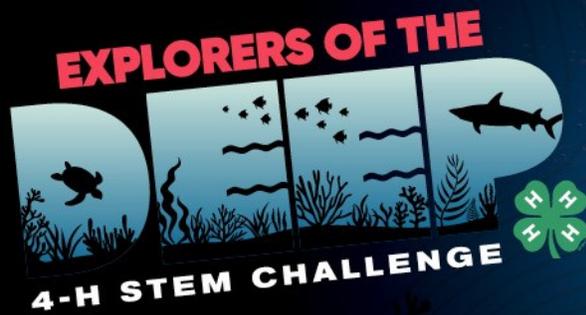
PWC 4-H Resources for Curriculum Materials

[Click here to search curriculum materials available through Virginia 4-H](#)

[Click here to access Virginia 4-H Resources for School Enrichment](#) (short survey to access materials)

[Click here for a list of Special Curriculum Presentations available to PWC 4-H Clubs through the VA 4-H Speakers Bureau](#)

[Click here for Curriculum Available from National 4-H](#)



DIVE INTO THE ABYSS

AVAILABLE NOW: EXPLORERS OF THE DEEP

The 2022 4-H STEM Challenge Kit, Explorers of the Deep, is officially here!

Developed by Rutgers University, the three activities in this kit will take kids ages 8-14 on an underwater adventure no matter where they live, all while offering them a hands-on way to explore different aspects of STEM career pathways.

Get ready to dive into deep-sea mysteries and tackle some of the same questions that today's top ocean scientists and engineers are investigating!

DIVE IN: SEE WHAT'S INSIDE THE KIT

1. OCEAN ROBOT TEST TANK



Prepare your mini ocean robot for a research mission, using a waterproof household container to act as your test tank! Follow the mission cards to learn how ocean robots work through the concepts of density and buoyancy.

This activity will also cover topics like climate change and its impact on ocean systems!

2. OCEAN EXPEDITION



Play an immersive board game (with optional trivia cards) that will help you explore the mysteries of the ocean. Watch as augmented reality features bring the game to life!

You'll learn about typical experiences that ocean robots encounter, identify how you're connected to the sea no matter where you live, and find out how much more we still have to discover about our ocean.

3. OCEAN COMMUNICATOR



Create your very own ocean-related billboard or advertisement! Topics you can explore include the relationship between ocean challenges and climate change, impact on human and animal life, and how science is being used to address these issues.

Take what you've learned from the 4-H STEM Challenge and share with others in your community the ways we can help protect the ocean.

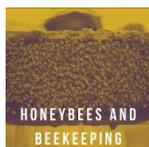
 [Click here for more information and to order.](#)

Virginia Cooperative Extension Speakers Bureau

**PLAN
AHEAD!**

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.



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.



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.



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.



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.



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.



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.



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.



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.



THE WORLD AS AN APPLE: Mandi Dolan, 4-H Extension Agent, will help students examine soil horizons and investigate best management practices for soil conservation 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.



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.



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 Ohlwieler, 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

**BOOK
NOW!**

MIDDLE SCHOOL ENRICHMENT PRESENTATIONS

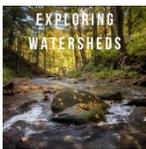
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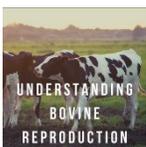
COVER CROPS: Thomas Bolles, Agriculture and Natural Resources Extension Agent, will introduce students to cover crops and their importance to soil health. This presentation can be adapted for students in grades 6 - 12 and can be 15 - 60 minutes long.



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

**FUN
IDEAS!**

HIGH SCHOOL ENRICHMENT PRESENTATIONS

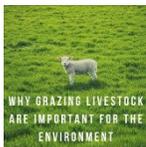
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INTERNATIONAL BEEF PRODUCTION: Beef production is a multifaceted and dynamic global business. The goal is the same, but production systems vary tremendously depending on the region of the world. In this presentation, Dr. Vitor Mercadente from Virginia 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. 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*)

**Virginia
Cooperative
Extension**

Virginia Tech • Virginia State University

www.ext.vt.edu



PRINCE WILLIAM COUNTY

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I AM



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Youth Officers

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Kayla Dixon, Vice President
Alexis Cox, Treasurer
Secretary - Vacant

Adult Officers

Vacant - President
Alan Lerch, Vice President
Sydney Nguyen, Treasurer
Tom Harrigan, Secretary

Committee Chairs

Fundraising Committee - Samantha Whysong
Recognition Committee - Alan Lerch
Membership Committee - 4-H Staff



Support the Prince William County 4-H
Association while You Shop!

1. Open the Amazon app on your phone
2. Select the main menu (=) & tap on "AmazonSmile" within Programs & Features
3. Select "Prince William County 4-H Association" as your charity
4. Follow the on-screen instructions to activate AmazonSmile in the mobile app
5. Start shopping! A portion of select purchases will be donated to 4-H at no additional cost to you.



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