



Northampton County

4-H

In-School Programs

Virginia Cooperative Extension

Virginia Tech
Virginia State University

www.ext.vt.edu



Dear Northampton County Educator,

Northampton County 4-H strives to engage local children in learning experiences that are research-based, hands-on and experiential. 4-H Enrichment programs are designed to build students' academic and personal skills.

You will notice that there are 3 different delivery methods for Northampton 4-H in-school programs:

Box Programs: A box containing materials and resources will be delivered to the school and can be used for one week up to one month.

Enrichment Programs: These programs are presented to your classroom by Extension staff or volunteers. Must be scheduled in advance.

Community Programs: This type of program relies on several volunteers or resources. It maybe held at an out of the school location. In most cases this type of program will be held once a year and all schools/groups will be invited.

If you do not see what you are looking for please do not hesitate to ask. Extension 4-H has many resources available from Virginia and other states and may be able to accommodate your request for resources/programming.

4-H wishes you the best for the 2016-2017 school year!

For more information contact:

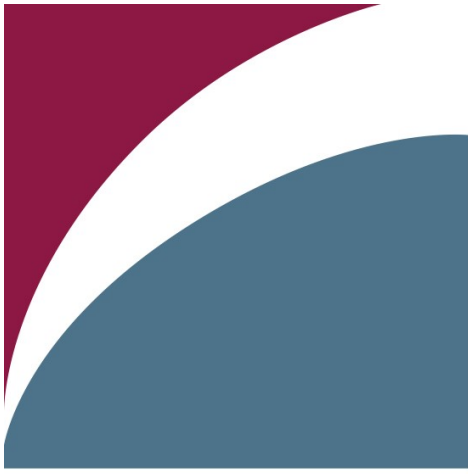
Christina Murray, 4-H Extension Agent
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If you are a person with a disability and desire assistance or accommodation, please notify Northampton VCE at 757-678-7946* during business hours of 8:30a.m. and 4:30 p.m. *TDD number is (800) 828-1120.

Title	Grades	Program Type	Program Description
<p>“What’s on the Farm?” Classification</p> <p>SOL: Science: K.6, 1.5, 3.5 Social Studies; 2.7</p>	K-3	Box program or Enrichment program if available.	Using a large floor farm picture, students add plants and animals to the appropriate areas on the farm. The pictures are then collected and classified into groups such as living and non-living (Kindergarten) up to producers, consumers, and decomposers, etc. or food web (3rd grade) and other classifications in-between.
<p>Butterfly Life Cycle</p> <p>SOL: Science K.6, 1.7, 2.4, 3.1, 3.5, 3.8</p>	K-5	Box program	Teachers can check out a Butterfly lifecycle kit. Includes 4-H curriculum and activities. Butterfly garden, and a 4 piece model from egg to butterfly. Caterpillars and food must be ordered prior program. Frog life cycle model pieces are also available.
<p>Mapping Virginia Agriculture</p> <p>SOL: Social Studies K.4, 1.4, 2.6, 3.5, VS.2 Mathematics 6.11</p>	K-6	Enrichment program	Using a large map of Virginia, students identify important geographic features, identify important Virginia resources and increase map skills by using coordinate points and symbols. A short video highlighting the agricultural and natural resources of each region is also incorporated.
<p>Plant Parts We Eat</p> <p>SOL: 1.4</p>	K-2	Enrichment program	Students learn plant parts while eating them, songs about root growth. Other programs include plant lifecycle and plant needs. This program tailored to the classes’ needs.
<p>Embryology</p> <p>SOL: adaptable to need</p>	1-8	Box program but limited Enrichment upon request	Life Cycle of a chicken. Eggs, incubator, and activities are supplied. Chicks hatch after 21 days. Spring time program
<p>Pumpkin Mania</p> <p>Science SOL: 2.1 a, c, e, h, k and 2.8 c</p>	2-3	Enrichment program	This program introduces or reviews STEM principles using pumpkins. Student measure, weigh and record data of pumpkins and work through the scientific process in a sink or float experiment, they also make a bar graph of predictions. Done in the fall when pumpkins are available. (1-3 hours)
<p>Magnets</p> <p>SOL: Science K.3, 1.2, 2.2 and 4.3</p>	2-4	Enrichment on request if available	Students use hands on activities as they are introduced to how magnets work.
<p>Farm in a Box Ecosystem Exploration</p> <p>SOL: Science 2.1, 3.1, 4.1 Language Arts :2.2, 3.4, 4.4</p>	2-4	Box program	Teachers are provided with supplies, instructions and a box filled with farm ecosystem items. (artificial worms, insects, seeds, tractor toys, crops, and farm animals, etc.) Using a graphic organizer that looks like a barn, students label the item appropriately to their grade level.

Title	Grades	Program Type	Program Description
Discover an Acre SOL: Math 2.5, 2.11, 3.9, 3.10, 3.14, 4.7, 5.8, 5.13, 6.10, 6.11, 6.14, 7.7, 7.8	2-7	Box program or Enrichment program if available.	This program provides students with a visual example of area and perimeter it gives real world applications for these math concepts through laying out a garden or livestock pastures and barns/stables.
Reading Makes Cents	3-5	Box program	Reading Makes Cents box includes lesson plan book, and the selected books. This program uses selected children's literature readings and hands-on learning activities to increase money concepts. Family pages in English and Spanish are included.
Skill-a-thon Science Review	3	1/2 day Community Program	Students move through volunteer led stations taking part in hands on activities to review science SOLs prior to testing. Done with the Eastern Shore Master Naturalists in springtime.
Drone Discovery National Youth Science Day (NYSD)		Box Program 4-H NYSD is October is October 5, but it can be done on other days.	Drone Discovery was developed by Cornell University Cooperative Extension. It's a hands-on engineering design challenge that explores the science behind drones and how they are being used to solve real world problems. Youth will learn everything from flight dynamics and aircraft types, to safety and regulations, to remote sensing and flight control. Challenge kits, which include everything you need to complete Drone Discovery, are available through 4-H at a cost of \$25/10 students. Ages 8-14.
Reality Store Simulation	8	Combination of a box program and Community Program	Prior to the simulation, students use the Real Money Real World Curriculum to learn 5 short basic financial literacy skills such as writing a check and compound interest, etc. Students are assigned an education level, job and family. They then go through a simulation of paying bills as a 24 year old for a month.
Mobile Dairy Classroom	2-8	Community Program <i>This program may or may not be available to Northampton 4-H. It is dependent on speed and ease of reservation .</i>	Mobile Dairy Classroom Program includes: A milking demonstration, and a 30- to 45-minute oral presentation (Depending on the age of audience) by a trained Instructor. Educational material provided for teachers and students. Instructors teach audiences: characteristics and anatomy of dairy cows, importance of dairy foods for good health, modern milking process, modern environmental and food safety practices.
			A small cost may be associated with some of the programs. 4-H strives to find sponsors/donors to fund programs whenever possible.



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4-H Clubs

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Teen Leadership Club

This is for teens 14-18 that want to have fun while learning leadership skills and organizing community service projects. Club members participate in hands-on initiatives developing life and leadership skills. The teens in this group advise on other 4-H programming. Club time counts toward community service requirements and 4-H camp training hours.

Meets once a month on and is free to join.

Northampton Shooting Sports Club

The shooting sports club teaches youth (ages 9-18) shooting skills and provides them with opportunities to practice. Currently the club disciplines include archery, rifle and shotgun (ages 12+). The club gives members a chance to explore sporting disciplines. Equipment is provided for all club members. The club meets twice a month in the late afternoon on Sundays (Oct.-April). Club members have the opportunity to compete in district and state level archery competitions. There is a \$20 per person (for the whole year) registration fee, and scholarships are available for youth with financial need. Registration is limited to 15 youth.

Horse Club

Waiting on Info

Adult Volunteers Needed!

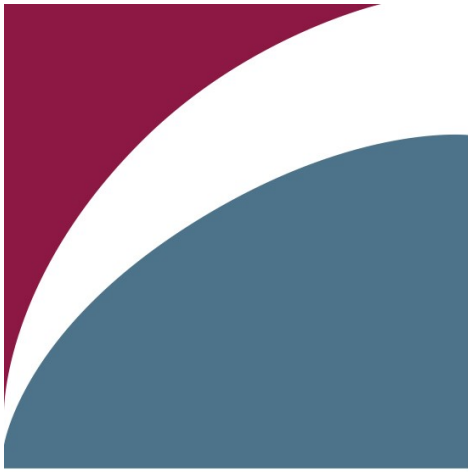
We are always in need of adult volunteers for programs and activities. If you would like to work with one of the existing clubs or start a club not listed above or volunteer in some way please contact the 4-H office.

4-H wishes you the best for the 2016—2017 4-H year!

For more information contact:

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4-H Camps

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Junior 4-H Summer Camp:

Junior 4-H Summer Camp is a week-long, residential summer camp program available to Northampton County youth ages 9-13. Teens serve as Councilors and Counselors in Training (CIT) while at camp. Camp is held every year at the Airfield 4-H Conference Center in Wakefield, VA.

4-H camp provides youth countless opportunities for learning more about themselves, their peers, and the natural world around them. Days are filled with camp classes, unstructured recreation and swim time, flag ceremonies, evening programs, and campfires. Our main focus during camp is to help youth develop independence, self-esteem, confidence, interpersonal skills, and other life skills.

Once youth arrive at camp, they will select the classes that they are most interested in. The classes and evening activities offered at camp vary from year to year. Example classes include: swimming, archery, rifle, canoeing, kayaking, low ropes course, robotics, videography, leather craft, outdoor cooking, and marine science. Evening activities may include outdoor games, carnival games, a pool party, a dance, a talent show, movie night, etc. We try to make sure there is something for everyone at camp!

At this time the date and price have not been set for the 2017 camping season.

Day Camps that 4-H runs:

Bugging Out! Day Camp

Ag Explorer Day Camp

Food Challenge Day Camp

Frontier Skills Day Camp

Wildlife and Birding Camp

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