



Letcher..ca.uky.edu

Cooperative Extension Service Letcher County 478 Extension Rd Whitsburg, Ky 41858 606-633-2362





Nanette Banks

Letcher County Extension Agent for Family & Consumer Sciences Education

Cooperative Extension Service

Agriculture and Natural Resources Family and Consumer Sciences 4-H Youth Development Community and Economic Development Educational programs of Kentucky Cooperative Extension serve all people regardless of economic or social status and will not discriminate on the basis of race, color, ethnic origin, national origin, creed, religion, political belief, sex, sexual orientation, gender identity, gender expression, pregnancy, marital status, genetic information, age, veteran status, or physical or mental disability. University of Kentucky, Kentucky State University, U.S. Department of Agriculture, and Kentucky Counties, Cooperating.

LEXINGTON, KY 40546



May 10th @ noon

Homemakers

Jenkins

Jenkins Library



COOKING THROUGH THE



please contact your local Cooperative Extension office: how you can attend these

May 12th @11:30 am

Easy Tortilla Breakfast Pizza



HOMEMAKER

MONTHLY MEETINGS

CLUBS

Jeremiah Baptist

Homemakers
May 9th @ 10:30

Letcher



Cowan Community

Center

May 11th @ 11:00

Homemakers

Cowan









USDA is an equal opportunity provider and employer. This project was partially funded by USDA's supplemental Nutrition Assistance Program — SNAP.











Extension Office in learning more about the Elements thought processes, emotions, and behaviors. And the perception of what we are viewing. Understanding objectively evaluate the finished product. Join the design) consciously and subconsciously affect our these elements and principles can guide an artist and Principles of art through hands-on activities. Art can be defined as "decorative or illustrative fundamental elements and principles of art (or elements in printed matter" that influence our Laken Campbell, Lee County FCS Agent will be during the creative process or help a viewer teaching the lesson.



Pre-register by 5-16-23

May 23 , 2023

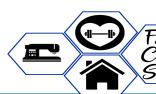




imited spots available, call 633-23

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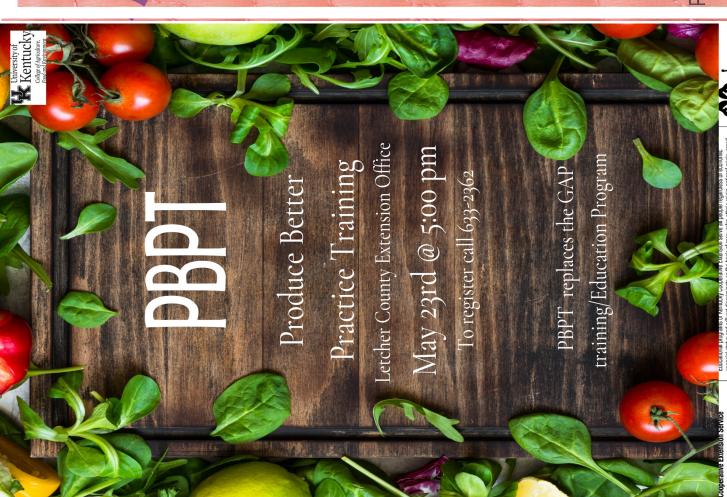












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Agriculture and Natural Resources Family and Consumer Sciences 4-H Youth Development



University of Kentucky College of Agriculture, Food and Environment HEALTH BULLETIN



MAY 2023

Family Caregiver Health Bulletins: of the Adult, Youth, Parent, and Download this and past issues http://fcs-hes.ca.uky.edu/

Extension Office 000 Street Road

0000-000 (000) City, KY

GARDENING SAFELY THIS MONTH'S TOPIC:



added health benefits to growing enjoy the outdoors, and beautify and garden work. Gardening is a great way to be physically active, to know how to move prudently, he warm spring weather has outside and begin seasonal yard interact with nature responsibly many people excited to get activity though, it is important and herbs, as well. As with any your home or yard. There are use equipment properly, and your own vegetables, fruit,

(CPSC), more than 400,000 people visit emergency rooms each year According to the Consumer or injuries related to outdoor Product Safety Commission

Continued on the next page 😑





Educational programs of Kentucky Cooperative Edension serve all prople repartiess of economic cases a starts and through designation and the basis of nece color, ethnic origin, hadroal origin, creed, religion, political belief sess, excua direntation, periode tehnity, gender expression, pregnancy, martial religions, generic information age, weter assists, or pringes for methal disability, lunesty of Kentucky, Kentucky State University, U.S. Department of Agronitume, and Kentucky Countles, Cooperating,

LEXINGTON, KY 40546

4-H Youth Development Community and Economic Development Agriculture and Natural Resources Family and Consumer Sciences Cooperative Extension Service





Wearing the proper gloves will help reduce blistering and protect your skin from chemicals, bacteria, and fungi that live in the soil.

Continued from the previous page

working with outdoor tools. The American Society taking the following precautions when gardening: of Surgeons of the Hand (ASSH) recommends garden tools. It is important to stay safe when

- infected when exposed to dirt and germs. Leather to small cuts and scrapes that can become easily gloves protect against thorns, poisonous plants, that live in the soil. Hands and fingers are prone in the garden. Gloves also prevent sun damage. insect and animal bites, and other skin irritants gloves will help reduce blistering and protect • Wear gardening gloves: Wearing the proper your skin from chemicals, bacteria, and fungi
- Avoid strenuous repetitive motions: Unless you are used to the activity, repetitive motions such as digging, raking, trimming hedges, pruning every 15 minutes with a brief rest in between bushes, or planting bulbs may cause muscle or skin damage. Rotate gardening activities so the same muscles are not overused.
- maximum when the wrist is in a relaxed or neutral position. Studies have shown that people lose up to 25% of their grip strength when their wrist is bent. Only use hand tools with the appropriate hand, for example, do not grip a right-handed tool with your left hand. Try to square up your Be aware of your grip: Grip strength is at its shoulders in front of where you are working instead of reaching across your body.
- damage. Additionally, avoid accidents by using hand shovel or rake rather than your hands for the soil may cut you. If possible, remove clear sharp objects like broken glass, old labelling stakes, and unused tools from the work area digging. Sharp objects and debris buried in before beginning the task to avoid causing Use proper equipment and tools: Use a ools for their intended purposes only

Other important tool tips:

When purchasing pruners, loppers, or shears, look for pairs that feature a safety lock.



- These tools only fit one size of hand perfectly. Avoid products with form-fitting handles. f your hand is too large or too small, it will put more stress on your hand.
- Always follow the manufacturer's instructions for the tool.
- Keep sharp tools away from children at all times. Always unplug electrical tools and power off gas-powered motors when not in use.
 - If you do end up with an injury, keep
 - the following guidelines in mind to know when to seek emergency medical care. Seek medical attention immediately if:
 - Continuous pressure does not stop the bleeding after 15 minutes.
- the fingertip or have trouble moving the finger. You notice persistent numbness or tingling in
- You are unsure of your tetanus immunization status.
 - You are unable to thoroughly clean the wound by rinsing with a mild soap and plenty of clean water.

REFERENCE:

tttps://www.assh.org/handcare/safety/gardening

HEALTH BULLETIN

Designed by: Rusty Manseau Edited by: Alyssa Simms Katherine Jury, MS

















along riverbanks left from July 28th flooding. Help us clean up trash and debris

hursday, April 20

The Shoppes at Pine Mountain at 8 a.m. Volunteers meet at

Volunteers should wear clothing that can get wet, such as Trash bags, gloves, t-shirts and lunch will be provided. waders, as well as boots or closed-toed shoes. Life vests are encouraged.

eekeep

doublekwik.com/riversweep Register online at

May 9th @ 6:00 pm

Veetir

at Letcher County

Extension Office



For more information, email riversweep@doublekwik.com or call 606-633-2525.



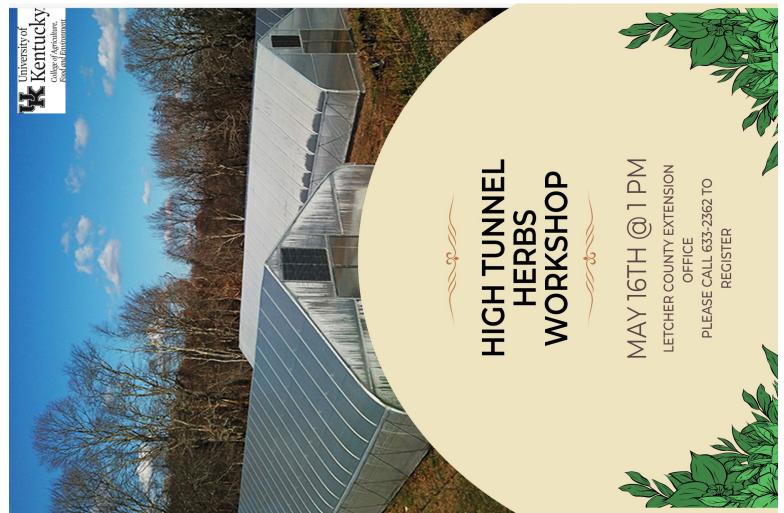
Shad Baker











Here's a link to a video from this year's Kentucky Maple Day. Now's a good time to identify sugar maple trees on your property and maker plans to tap them for sap to make syrup this coming winter.

https://nam04.safelinks.protection.outlook.com/?url=https%3A%2F%2Fyoutu.be%2FnnDv065m8JU&data=05%7C01%7Cshad.baker%40uky.edu%7C3257950257db486643aa08db3b70045b%7C2b30530b69b64457b818481cb53d42ae%7C0%7C0%7C638169124550394370%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTil6lk1haWwiLCJXVCl6Mn0%3D%7C3000%7C%7C%7C%7C&sdata=Otzuo07%2FeCrrwW9xy%2BWvN2w6Or3UEodFqbEpxjcMcG0%3D&reserved=0

A New App for Gardening

SOW - A Planting Companion











Springtime in Kentucky is the perfect time to get outside and start your home garden. A few tasks will help you have a successful season.

Planning your garden on paper before you begin allows you to visualize the plants you want to grow and when they will be ready to harvest.

Next, select a good gardening site. Plan a site in full sun, relatively level, well-drained, close to a water source and dries quickly from morning dew. You may need to get a soil test to best prepare the soil. Add fertilizer according to soil test results.

Remember to only plan a garden as large as you can easily maintain. Beginning gardeners often overplant and fail because they can't keep up with the required tasks. You must manage weeds and pests and apply water so your plants will be ready to harvest on time.

A few other important tips:

- 1. Grow vegetables that will produce the maximum amount of food in your available space.
- 2. Plant during the correct season for the crop.
- 3. Choose varieties recommended for Kentucky.
- 4. Harvest vegetables at their proper stage of maturity. Consider how you will store them if you don't use them right away.

Consult the University of Kentucky College of Agriculture, Food and Environment's Home Vegetable Gardening publication ID-128, available online at http://www2.ca.uky.edu/agcomm/pubs/id/id128/id128.pdf.

For more information about gardening or other horticulture topics, contact the Letcher County Cooperative Extension Service.









Common problems and pests of popular garden vegetables and how to manage them

Source: Ric Bessin, UK Extension Entomologist, Nicole Gauthier, UK Extension Plant Pathologist

Many Kentucky gardeners grow tomatoes, peppers, eggplant and potatoes for their own use or for sale in local farmer's markets. Pests are sometimes challenging to identify and even more challenging to manage.

The University of Kentucky College of Agriculture, Food and Environment advocates for a sustainable approach to managing pests by combining biological, cultural, physical and chemical tools in a way that minimizes economic, health and environmental risks. A key part of that is to continually scout and monitor your garden to identify problems before they result in a significant loss.

The UK Cooperative Extension publication ID172—An IPM Scouting Guide for Common Pests of Solanaceous Crops in Kentucky—may help you identify common pests. The publication has a variety of photographs that show exactly what to look for in your crop.

Some of the items the publication covers include:

- 1. Physiological and nutrient disorders such as vivipary, gold fleck, catfacing, zippering, sunscald, blossom end rot, blotchy ripening, yellow shoulder, white core.
- 2. Insect pests such as aphids, leafminer, greenhouse whitefly, silverleaf whitefly, tobacco flea beetle, potato flea beetle, margined blister beetle, stink bugs, leaf-footed bugs, western flower thrips, two-spotted spider mite, Colorado potato beetle, tobacco hornworm, pepper maggot, beet armyworm, yellow-stripped armyworm, tomato fruitworm, European corn borer.
- 3. Tomato, pepper, eggplant and potato diseases and management.
- 4. Herbicide injury.

A list of resources for further study.

http://www2.ca.uky.edu/agc/pubs/id/id172/id172.pdf

For more information on gardening, contact the Letcher County Cooperative Extension Service.













Smart gardening for insects – cover up the rows!



By using row covers properly, vegetable gardeners can reduce or eliminate the need for pesticides on certain crops. Row covers are exactly that, a material designed to cover rows. Of course, not all row covers are created equal, so it's important for gardeners to know what the options are, what each type provides and determine their own goals for their vegetable garden. If a gardener doesn't have traditional rows, they can adjust a cover to fit their square foot garden, raised bed or planting area.

Pick a row cover that fits your goals

Row covers come in different forms, from perforated plastic to spunbonded polyester or polypropylene. Different weights are available and it's the cover's weight that determines how much light will be transmitted through, and ultimately, its best use in the garden.

Lightweight covers that are 0.5 to 0.6 ounces per square yard are primarily used for insect control. Due to their light weight, they transmit the most light – 85 to 90 percent. This material will easily tear, so it doesn't have as long a life as heavier covers.

There are also mid-weight covers from 0.9 to 1.25 ounces per square yard, which are used to provide early maturity, increase early yields and total yields, improve quality and extend the season. They allow 70 percent of light through.

Heavy covers from 1.25 to 2 ounces per square yard are used mainly for frost protection as they only transmit 30 to 40 percent of light through.

How to cover up for insects

Install your lightweight row cover immediately after planting. Be sure to secure all edges to the ground with soil, rocks or metal pins. Making sure there are no entrance holes for pest insects to enter is critical to your prevention efforts.

You also want to make sure you are practicing crop rotation and not planting a vegetable of the same family in the same location for at least three years. Six years is even better if you have this option. Some of the insects overwinter at the edges of the garden, and the following spring they will move back to a vegetable's location from the previous year. If you change the location of the vegetable and make use of a row cover, the insects aren't as likely to find the vegetable they seek. Be conscious that when using row covers, if a pest does sneak in, no natural insect enemies such as ladybugs, lacewings and other predatory and parasitoid insects will be present under the covers to assist; it's best to prevent the pest from getting in at the start.







Smart gardening for insects – cover up the rows!

The lightweight covers will not need a support over most vegetables. The only exceptions will be vegetables with tender growing points, such as tomatoes, peppers and summer squash. In windy conditions, a row cover may damage these plants from wind abrasion. Make use of hoops formed from wire, PVC or electrical conduit to support row covers for these vegetables.



What insects can you control by covering up?

By covering some vegetables right after spring planting, you will control a number of adult insects from finding the vegetables they seek. Cabbage root maggot flies, cabbageworms and cabbage loopers will attack all brassicas, such as broccoli, cabbage and cauliflower. Flea beetles that attack a variety of vegetables can be controlled as well by covering up brassicas, potatoes, tomatoes and eggplants as soon as you plant.

Cover your spinach, beets and chard to prevent spinach leafminer flies from laying eggs. You can control striped cucumber beetles from getting to your melons, summer squash, cucumbers, winter squash and pumpkins by covering up after planting; be sure to remove the cover when flowers appear as bees and other pollinators will need to get to the flowers to pollinate.

Row cover considerations

Be mindful that using row covers will take extra time, effort and continued investment. Michigan State University Extension advises gardeners to continue monitoring vegetables under row covers for too high of temperatures, which may cause blossom drop or reduce quality of cool season crops. Covers may be damaged if animals have access to them, and lightweight covers may only last one season, so disposal can be a concern. If you are looking for a smart gardening practice to reduce your need for pesticides, consider row covers as a tool within your smart gardening toolkit to assist with insect control.







Greenhouse Update

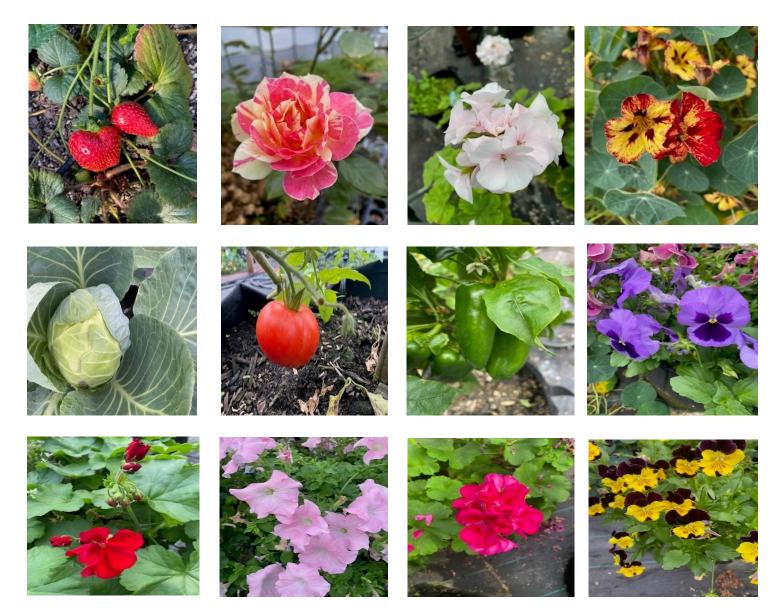
Brad Sexton

AG & Natural Resources Assistant

As we head into the Month of May all the hard work of seed starting and preparing to put the garden plants and flowers outdoors is getting ready to pay off for you. The frost threat will soon be a memory and it will be time to enjoy the beautiful flowers and harvest some of the early fruits and vegetables that are made possible through early seed starting plants or overwintering plants by taking advantage of having a greenhouse.

The pictures below show how the plants that continue to thrive in the Letcher County Extension Greenhouse. Ever sweet strawberries continue their large yields of beautiful berries. Tomatoes, peppers and leafy greens continue their great production as well. The flowers continue to put on spectacular bloom shows for all of us to enjoy!

I'm also adding new varieties of tomatoes and fruits and vegetables to the greenhouse each month to show how they respond to grow bags and container gardening. So keep checking back with us each month to see the progress and what's new in the Letcher County Extension Greenhouse.



Shad Baker







2023

Saturday	Control broadleaf weeds in lawn Seed summer squash and cucumbers (outdoors) Seed late	Plant tomatillos Plant large pumpkins Seed lima beans	Prune azaleas, viburnum, illac and forsythia after blooming	Plant asparagus beans Transplant fennel		
Friday	Seed leaf lettuce and winter squash (outdoors	Plant sweet potatoes Harvest scapes from hardneck garlic	19 Install row covers to exclude insects on cabbage and brocco	26 Stake and mulch tomatoes Trellis cucumbers		
Thursday	Seed snap beans (outdoors) Seed head lettuce (outdoors)	Seed annual flowers Transplant or seed melons Fertilize houseplants	Seed or transplant basil Seed Malabar spinach	Prune tomatoes at first flowering Plant an herb garden		
Wednesday	Plant red, blue and gold potatoes Transplant or seed Chinese cabbage	Seed thyme Plant early celery and tomatoes Grow mint in	Remove strawberry blossoms on newly transplanted plants	24, Plant jack-o'-lantern pumpkins	31 Seed Roma beans	
Tuesday	Seed fennel Plant fingerling potatoes	Seed sweet corn Seed cilantro (outdoors) Plant bok choy	Seed sweet corn Seed borage and zinnias to attract pollinators	Plant tomatoes and eggplant Turn compost	Seed leaf lettuce as a companion plant with trellised cucumbers	
Monday	Plant figs Seed or transplant parsley Transplant onions	Seed late celery (outdoors)	Plant peppers, okra and cabbage Harvest established asparagus	Begin control measures for cucumber beetle	29	
Sunday		7	14	21	28	

Crystal Smith









4-H Agent

◆ Arts & Crafts ◆ Canoeing → Nature

◆ Lots More! Sports 1 → Fishing Riflery 1

lime Marp

materials will be sent for you to complete.

come, first serve. Additional registration

form in this brochure. Classes are first

Plus, you'll have the chance to take part in exciting team challenges, nightly dances, campfires, night hikes, and more!

Where do we sleep?

Campers stay in cabins with trained teen separate cabins on separate sides of the and adult leaders. Boys and girls are in

Sign-up today!



4-H Camp? The cost for camp this year How much does it cost to go to scholarships available to assist in paying is \$275. We have many full and partial

Office with a \$75 deposit by June 23, 2023. **To be eligible for a scholarship**, you must would like to attend camp, attach it to this registration and submit it to the Extension complete the pre-registration form in this orochure, write a brief essay of why you

Summer Camp

Please return forms by June 23, 2023!

registration form to reserve your spot and

to apply for a scholarship.

A \$75 deposit is required with your pre-

How do I register? Complete the application to reserve your spot at camp. pre-registration form on the back of this Office. A deposit of \$75 is due with the brochure and return it to the Extension

be completed prior to camp. We are limited You will receive additional forms that must on the number of youth who can attend get your application in early! What about school? If school is still 035, you will not be counted absent from according to Kentucky Statute (KRS) 159 in session during our camping week

Who can go to 4-H Camp? 4-H

College of Agriculture, Food and Environment Cooperative Extension Service Jniversity of Kentucky

4-H YOUTH DEVELOPMENT

dusk! Campers will take classes offered by certified instructors in classes like:

Swimming Archery

Ropes 1

What do you do at Camp?

Camp is packed with activities from dawn to Camp is for all Letcher County youth that will

be entering grades 4th – 9th next school

Letcher County

To reserve your spot at 4-H Camp, please complete and return the pre-registration

Todayi

2023 4-H CAMP

Clay, Harlan, Letcher, Leslie, Perry

Letcher County Extension Office

Mail form and payment to:

478 Extension Drive

PO Box 784

Whitesburg, KY 41858

For more info contact:

Letcher County 4-H Council

Make checks payable to:

August 1st - 4th

4-H Youth Development Education Agent

Crystal Smith

J.M. Feltner 4-H Camp London,

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Find us on Facebook

Web: http://letcher.ca.uky.edu/

Email: crystal.smith@uky.edu

Phone: (606) 633-2362



Crystal Smith

4-H Agent





It is that time of year to start looking/applying for scholarships! Below are a few links to some equine-related opportunities, and the 4-H Horse Scholarship flyer below.

KEEP Foundation/Race for Education: https://www.thekeepfoundation.org/scholarships/

http://www.raceforeducation.org/programs/scholarships

Kentucky Horse Council List of Scholarships: https://kentuckyhorse.org/Equine-Scholarships

University of Kentucky Ag Equine Programs: https://equine.ca.uky.edu/content/scholarships

Kentucky Department of Agriculture Equine Scholarship: https://www.kyagr.com/marketing/documents/SF_Equine-Scholarship.pdf

University of Louisville Equine Scholarship: https://business.louisville.edu/academics-programs/equine/equine-scholarships-awards/

Horse Farm Workers Education Fund: https://horsefarmworkerseducationfund.com/apply/

Work Ready Kentucky Scholarship Program KHEAA: https://www.kheaa.com/website/kheaa/work ready? main=1

2023 4-H HORSE SCHOLARSHIPS

This year the 4-H Scholarship Committee in conjunction with the Kentucky Quarter Horse Association and the Kohnhorst Foundation will offer over \$3,000 in scholarships to qualified seniors in the 4-H Horse Program. Applications are due by June 15\ winners will be awarded at the 2023 Drill team Competition. Applications will be judged on GPA, Essay quality, and Activities in which the 4-H'er is involved. Winners must show proof of continuing education after high school. Proof of continuing education is due to the 4-H Scholarship Committee by 12/31/23. Eligible applicants should be graduating High School Seniors only. Applicants may only apply in the year of their graduation.

The Application must include:

- Personal information
- o Name, address, city, state, zip code, phone number
- o County & District
- o Age & date of birth
- High School Information
- o Name of High School attending or attended



Crystal Smith 4-H Agent





2023 4-H Horse Scholarship

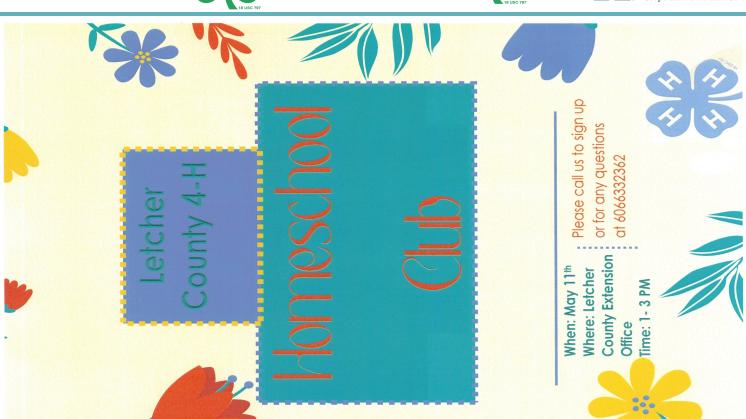
- o Cumulative GPA
- o ACT or SAT Scores (if taken)
- Involvement in clubs or activities at school
- o Awards and recognition at school
- College/technical school, etc. you are planning to attend
- o Prospective area of study or major
- o You can also include the letter of acceptance
- 4-H Information
- o Number of years in 4-H
- o Club name (if applicable)
- o Projects held: be sure to include 4H Horse Project Activities
- o Offices or positions held in your club
- o Awards and recognition in 4H
- o Add community service, volunteer work, involvement with your community, etc.
- o Expand on your involvement with your community, let us know what you do to better, improve and help your community.
- Essay (no more than 3 pages) describing what 4-H and the 4-H Horse Program has meant to you.
- Photograph of applicant (no larger than 4x6). Please do not staple photograph to application.
- Three letters of reference with addresses and phone numbers will also need to be submitted with your application.

Crystal Smith

4-H Agent











"Bridge over a Pond of Water Lilles

Crystal Smith

4-H Agent



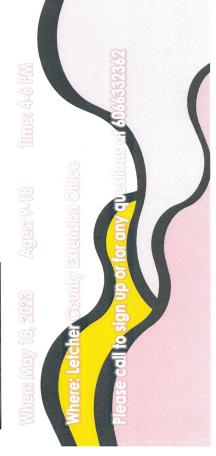














May 2023

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	O	33	20	
EKI	ಬ್	Cooking Thru	26 Homemaker County Meeting 11:00	
UHT	4 Hiking for health Teens 4:00	Hiking for Health Cowan Homemakers 11:00 Homeschool Club 1:00	18 Hiking for Health Art Club & Teens 4:00 25	
MED	n	Jonkins Homemakers 12:00	High-tunnel Herbs 1:00 24 Cloverbuds 4:00	
LOE	2 Adventure club 4	9 Crafty Cut-Ups 10:00 Letcher Homemakers 10:30 Beekeepers 6:00	16 23 Cake Pops 11:00 Lunch-n-Learn 1:00 PBPT 5:00	
NOW	1	8 Drop it like its hot 11	Cutting Board workshop (rcars) 22	CLOSED



Letcher County 478 Extension Dr Po box 784 Whitesburg, Ky 41858

RETURN SERVICE REQUESTED



Shad Baker

Agriculture & Natural Resources



Nanette Banks
CEA for Family & Consumer
Sciences Education



Crystal Smith
4-H Youth Development