May 2017

Items of Special Interest:
- 4-H Career Explorations Conference 3, 18
- International Day 5
- Animal Fun Day 7
- Family Fun Day at Showcase 7
- Animal Crackers @ Cornell 8
- 4-H Camp Shankitunk 12
- Duck Derby 13
- Cloverbud Craft Adventures 14
- 4-H Magnet Fundraiser 16
- Clothing Evaluations/Fashion Revue 16
- Cooking Program 16
- 4-H Learning Experience 17
- Archery: New Program 18
- Rube Goldberg Challenge 19
- 4-H Stem Camp 21
- 4-H Calf Sale 21

Regular Features
Cloverbud Corner 2
Teen Section 3
STEM Idea of the Month 4
STEM Leaders & Jr. Leaders 5
4-H Project Kits 6
Animal Science 8,9
Natural Resources 10
4-H Alumni Corner 13
4-H Showcase Corner 15
Leader’s Association 18
Public Presentations 19
Calendar of Events 20

Cornell University Cooperative Extension
Orange County

4-H Youth Development ◆ Agriculture
Family & Consumer Sciences

18 Seward Ave., Suite 300
Middletown, NY 10940-1919
845-344-1234
Mon.-Fri., 8:30 AM - 4:30 PM
ccoeorangecounty.org

Cornell University Cooperative Extension provides equal program and employment opportunities. Please contact our office if you have any special needs.

Regional 4-H STEM Camp See page 21
O.C. 4-H Scholarships & Awards See page 11
STEM Fair at 4-H Showcase See page 22
Cloverbuds + Showcase = FUN, FUN, FUN!

Our youngest 4-H members are ready made for the Showcase experience. The excitement of judging can be a valuable means of reinforcing the skills youth have gained throughout the year while engaged in project work. The Showcase experience also gives youth the opportunity to interact one on one with a judge and gain valuable skills of self-expression. Cloverbud projects are most definitely Showcase worthy and will be evaluated on a developmentally appropriate scale. All Cloverbud projects that are brought to Showcase receive a participation ribbon which is very enriching for the kids who receive them. Additionally, this year, we are recognizing our high achievers. Any Cloverbud youth who bring more than 8 projects to Showcase for evaluation will receive a 4-H medal. Start planning now so that your Cloverbud has an opportunity to bring home this special recognition. If you need guidance in choosing appropriate projects or just generating some new ideas feel free to give your Membership Assistant, Sue or Kathy a call!

Session III Cloverbud Level Awards - Due May 15th

See 4-H Awards Information Booklet online for forms:
cceorangeprecounty.org - click on the 4-H section and click on 4-H Club Leader Resources
Or email information (or questions) to Ingrid Hill at imh23@cornell.edu
Don't miss out on this great recognition opportunity for your youth!

Is your club thinking about the 2017 4-H Showcase yet?

Are you new to 4-H and wondering about the flurry over Showcase participation?

4-H fairs offer members the opportunity to celebrate their growth in many ways:

✓ Exhibiting helps youth learn to set goals and gain a sense of achievement from their work.
✓ Positive Showcase experiences can build self-esteem and confidence within 4-H youth.
✓ 4-H members learn to communicate effectively about the work they have done. Communication is a critical life skill that will follow youth into adulthood.
✓ Showcase exhibiting reinforces what the 4-H member learned in doing the project.
✓ While preparing for Showcase young people learn more about themselves and what motivates them. They learn how to make decisions, communicate their plans, respond and relate to others and they gain experience in time management.
✓ Participation in Showcase also highlights the importance of fostering positive youth and adult partnerships.

Bring Your Projects to the Education Center and 4-H Park, Finchville Turnpike, Otisville on July 22, 2017, 10:00 AM - 5:00 PM

It is definitely time to start planning!
Feel free to contact your Membership Assistant to schedule a club visit for Showcase training and preparation.
Kathy: 342-6265 or kalf64@cornell.edu
Sue: 590-8047 or sw352@cornell.edu

Calling All Cloverbuds!!!!

Our 2017 Cloverbud Family Fun Day event is scheduled for Wednesday, August 2nd at the Museum of the Hudson Highlands Outdoor Discovery Center in Cornwall, 120 Muser Drive.
We will gather at 1pm. Bring a bag lunch with you.
At 1:30 pm there will be an hour and a half educational program on aquatic adaptations. Dress accordingly, the kids may encounter tall grass and wet soil.
Cost: $7.00 per child
Maximum Attendance is 28 children so reservations in our office are important. Registration Deadline is Wednesday, July 26th. Payment is due with registration.
Questions? Call Ingrid at 344-1234
Teen Leadership & Career Development

May Meeting Dates: 3rd, 17th & 31st

Teen Leadership has had an active year. Several guest speakers have visited and covered a variety of topics and careers. Our teens have participated in several county-wide programs, volunteered to help at many association sponsored activities and attended and will be attending multiple state-wide leadership events.

If you are 13 years of age and will be in at least the 8th grade beginning in the fall and would like to interview for a spot in the 2017-2018 TLCD program year contact Marika. Applications typically become available in July or August and interviews will be held early September. Spaces are limited and requires a solid commitment.

New York State Fair

August 23 - Sept. 4, 2017  Syracuse - Fairgrounds

State Fair is an opportunity for fun, leadership and learning. There are two ways for teens to be involved at State Fair.

Junior Superintendents (16+) work for the state office in longer blocks of time to help run the Youth Building. There is an application process for these positions and you work for the state office staff not Orange County.

Teen Leaders (13+) work 6 hours a day in the youth building in a variety of capacities such as: Press Corps, Fashion Revue, Shooting Sports, GPS/GIS, County Booth or serve as an Evaluator’s Assistant in a multitude of project areas.

Contact Marika if you are interested in attending state fair, as there are several requirements in order to do so. Call early so you have time to fulfill those requirements.

Teen Leadership & Career Development

June 27 - 29, 2017

Career Explorations is a 3-day event for youth at the Cornell University campus. The purpose of this conference is to provide youth with exposure to academic fields and career exploration, to develop leadership skills, to provide hands-on experience in a college setting, and to introduce youth to Cornell University. The event is made up of two grade-specific tracts: University U for youth entering grades 7 – 9 and Focus for Teens for youth entering grades 10 – 12.

QUICK FACTS ABOUT THE EVENT

Conference Date: June 27 – 29, 2017
Location: Cornell University
Participant Arrival: 10 AM – 12:00 PM on June 27
Departure: 2:30 PM on June 29
Cost: $350-375 (cost is subject to change due to participant numbers and chaperone requirements)
Registration: Call Marika for registration information
Program Tracks:
• University U: teens entering 7th – 9th grades
• Focus for Teens: teens entering 10th – 12th grades

Be a 2017 State Fair Teen Leader

To be selected, members must be 13 years old or older, and, within the program year:
Must: have given at least a county level public presentation
And: Be an active member of the Tween Group, and/or Teen Leadership and Career Development.
Or: Speak directly to Marika to determine eligibility.

1. At State Fair no Teen Leader may commit to participating in more than one event per day. If there is a schedule conflict, the teen must choose one or the other.
2. Being selected to represent Orange County at the State Fair is a reward for hard work, good behavior and a good role model in any of the above areas and is an essential part of the selection process.

Please call us for more information at 344-1234.
STEM IDEA OF THE MONTH

During this year the STEM Monthly idea will feature one lesson from a curriculum called Discovery. This series was developed by Utah Extension system with the intent for 4-H clubs to learn about specific topics with club based activities. Each series has 5-6 lessons allowing youth to get a good understanding of the topic being featured. We will highlight one activity and also let you know what the other activities are. If you see a topic you like and think your club would like to continue “discovering,” contact Vanessa and she will send you the entire series.

Please submit what you would like to share to Vanessa at vam29@cornell.edu.

Recycled Paper-Grow Cards

Background
In this unit of the Discover series called Paper Craft you will have the opportunity to try out different crafts with paper and learn about recycling, symmetry and shapes. In this lesson you will learn about grow cards and how they are made from recycled paper. They are a great way to have fun, make your own paper, think about the environment and make a plant all in one activity.

Other activities included in this series
- Scrapbooking
- Journal making
- Origami
- Card making
- Paper Mache
- Flower seed (any seed will work, but larger is better)

Materials:
- Newspaper
- Screen
- Water
- Blender
- Colored paper
- Bin/large bucket
- Cookie cutters

Watch it grow!

Instructions
Making the Grow Card Mixture
1. Tear the newspaper and colored paper into small pieces about the size of postage stamps.
2. Fill the blender half full with scraps and three quarters full of water.
3. Colored paper will change the color of the grow card. Experiment with different color combinations
4. Blend at a high speed until the mixture has an oatmeal-like consistency.

Make the Grow Cards
1. Place the screen on top of the bin and then place a cookie cutter on top.
2. Pour the blended paper mixture into the cutter so a thin layer of mixture fills the shape.
3. Sprinkle seeds into the mixture. Press the seeds into the mixture with your finger so they won’t fall off when the card is dry.
4. Place the screen with the shape onto a towel and carefully remove the cutter.
5. Lay another towel on top of the paper shape and firmly press to remove most of the remaining water.
6. The paper shape will still be damp, but will be strong enough to hold its form.
7. Let dry for one or two days.

Finishing Up
- You can tie some raffia or ribbon to your grow card to make it a cute gift.
- Write a little note along with your grow card so that the person you give it to knows what to do with it and how to take care of it.
- Plant the grow card in your garden and take care of it just like you would any other plant. Watch it grow!

BLUE RIBBON EXPRESS

It is creeping up on crunch time… do you have a plan? Let’s keep our Leaders, Moms, Dads, Grandmas, Grandpas, Aunts, Uncles, and all those other special adults that chauffeur you to club meetings and contests, who pick up supplies and offer assistance and guidance on all those amazing projects sane this Showcase Season. Start making out those Showcase Tags… at the very least write your name and address on them so they are ready to go… have access to a printer and mailing labels? Make the task easier and print them out and stick them on (REMEMBER… BOTH sides of the Entry Tag)!

Please remember that we are here to answer any and all Showcase related questions… it is MUCH easier for us to answer the questions BEFORE the events then during them! We are also happy to meet with you in person here at the office, or make time for a phone call.

Pay attention to deadline dates; many animal projects require additional paperwork! When in doubt call the Educator(s) in charge of that program area… again BEFORE a deadline or contest NOT during or after!
Clover LeAVeS – MAY 2017

4-H S.T.E.M. (SCIENCE, TECHNOLOGY, ENGINEERING, MATH)

STEM Teen Leaders and Junior Leaders Program

Are you a 4-H’er who is interested in STEM? Are you looking for a club that has other youth interested in STEM? Would you like to do projects that have a STEM focus? If you answered yes to these questions then come and check out the STEM Teen and Junior Leaders Program!

The two groups focus on learning more about STEM, gaining and developing skills, making friends and completing projects that have a STEM focus. How do the groups accomplish ALL of this? Through monthly meetings, field trips, hosting guest speakers, working with volunteers from various industry businesses, and linking up with other groups within 4-H.

What are these 2 new programs?

» STEM Teen Leaders - open to any youth enrolled in 4-H between the ages of 13 - 18. This group meets on the first Monday of each month from 6:30 pm - 8 pm.

» STEM Jr. Leaders - open to any youth enrolled in 4-H between the ages of 8 - 12. This group meets on the 3rd Monday of each month from 6:30 pm - 8 pm.

There will be a materials fee charge for the Junior Leaders. You will have a choice of either paying $2/child/meeting or paying $20/child at the start of the program.

If you are interested in learning more about these groups or joining, contact Vanessa in the 4-H office.

Specialty Volunteers Wanted!

Are you a plumber, carpenter, mechanic, or electrician? Do you know one?

If your answer is yes, we are looking for people with these trade skills to work with 4-H’ers on developing interactive STEM exhibits for the Education Center and 4-H Park site.

Call Vanessa Merrill at the 845-344-1234 if interested.

4-H International Day

Saturday, May 20, 2017

1 - 5 PM

Cornell Cooperative Extension of Orange County Education Center
4-H Park
300 Finchville Turnpike
Otisville, NY 10963

We hope your club will join us for an exciting trip around the world!

AT THE 4-H INTERNATIONAL DAY PLEASE:

1. Bring a dessert/finger food to share that reflects the culture of your country. Find out the history of that dessert - is it traditional to a religion or cultural group? Is it eaten for a special occasion? Is it a recent favorite food that found its way to new taste buds through cultural exchange?

2. Set up a display about your country. You can use posters, flags, souvenir/items, etc. from the country. Another idea is to wear or bring traditional, historical, or popular style of clothing from your country. If you cannot find appropriate clothing, bring photos or types of fabric, accessories, etc…be creative!

3. Be ready to share up on stage what you’ve learned about your nation’s heritage with the other 4-H guests for 3 minutes. Do this with pictures, songs, skits…however you want to entertain and educate us! Please only 3 minutes.
GREAT 4-H PROJECTS FOR YOUR CLUB

Must call 2 weeks in advance of needing the project, and pay in full when you pick up order.

OTHER PROJECT KITS

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leather Wallet</td>
<td>$5.75</td>
</tr>
<tr>
<td>Leather Starter Set (bookmark, key ring, wristband)</td>
<td>4.00</td>
</tr>
<tr>
<td>4-H Magnets</td>
<td>2.50</td>
</tr>
<tr>
<td>Cork Message Board</td>
<td>3.50</td>
</tr>
<tr>
<td>Ribbon Rack</td>
<td>3.00</td>
</tr>
<tr>
<td>Member Signboards</td>
<td>3.25</td>
</tr>
<tr>
<td>Keyholders (Choose from Clover, Heart, Bear, Circle or Square)</td>
<td>2.25</td>
</tr>
<tr>
<td>Tin Punch</td>
<td>2.50</td>
</tr>
<tr>
<td>Sanding Block</td>
<td>1.50</td>
</tr>
<tr>
<td>Record Book Cover (3” rings)</td>
<td>2.75</td>
</tr>
<tr>
<td>K.I.D.S. Kits</td>
<td>4.00</td>
</tr>
<tr>
<td>Wind Chimes</td>
<td>6.00</td>
</tr>
<tr>
<td>Planter Boxes (Limited Quantities!)</td>
<td>5.50</td>
</tr>
<tr>
<td>Memo Holders</td>
<td>2.50</td>
</tr>
<tr>
<td>Mosaic Frames</td>
<td>3.50</td>
</tr>
<tr>
<td>Bird Feeder</td>
<td>7.00</td>
</tr>
</tbody>
</table>

LIMITED QUANTITIES!

If this is your first time building a rocket, call Vanessa at 344-1234 for details about all materials needed!


ROCKETRY IS A BLAST!!

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rocketry 1 Space Loft</td>
<td>4.50</td>
</tr>
<tr>
<td>Rocketry 2 Wizard</td>
<td>5.00</td>
</tr>
<tr>
<td>Rocketry 3 Alpha</td>
<td>7.00</td>
</tr>
<tr>
<td>Rocket Engines: 1/2 A3 - 4T</td>
<td>2.75</td>
</tr>
<tr>
<td>Rocket Engines: A8 - 3</td>
<td>2.75</td>
</tr>
<tr>
<td>Rocket Igniter Pack</td>
<td>3.00</td>
</tr>
<tr>
<td>Rocket Wadding Pack</td>
<td>5.00</td>
</tr>
</tbody>
</table>

Rocketry 1 Space Loft available on loan.

Are your club members Participating in 4-H Record Keeping?

With the new year approaching quickly, it’s a great idea to start some simple record keeping within your club. Devoting 45 minutes or so of one club meeting to having members update their green Activity Reports will give you a great jump start in preparation for this summer’s fair.

Members can also start collecting some of the simple ingredients for a great Member Book. For those of you who have done officer elections, members could write a list of officers. Awards or certificates that have been achieved thus far could be placed in a binder, as well as a simple cover page to personalize your 4-H memories. Lastly, why not work on a Project Completion Sheet or two and get those tucked into your albums now so you don’t need to worry about them later. Small investments of time now can help to alleviate all of that pre-fair rushing that 4-H families all know so well!
FAMILY FUN DAY AT SHOWCASE

VOLUNTEERS NEEDED!!!!!

Saturday, July 29th, Noon to 7pm

We’ve got big plans and need help from our clubs. Here’s what we have so far:

• Old Macdonald’s Farm – baby chicks, baby ducks, rabbits, calves, pigs, and more
• Touch a Tractor – farm machinery up close and personal….new and old
• Old Time appliances – hand corn grinder, hand clothes washer, old engines
• Games on Horseback show
• Pork BBQ – run by our 4-H Alumni Committee
• Farm Toy Corn Play Bin
• Interactive Games

Want to learn more about animals and have fun while doing it? Come and enjoy Animal Fun Day!

Our animal science clubs and programs will have animals and fun hands-on activities for all ages.
There will also be a craft vendor fair.
Open to the public.
All proceeds from this day go to support the animal science shows at the 2017 4-H Showcase.

Interested? Email Tom Davis at htd2@cornell.edu

Animal Fun Day

Sat., June 10, 2017
10:00 AM - 3:00 PM
at the Education Center & 4-H Park
300 Finchville Tpke., Otisville, NY 10963

Contact Vanessa for more information - 845-344-1234

Cornell Cooperative Extension is an employer and educator recognized for valuing AA/EEO, Protected Veterans, and Individuals with Disabilities and provides equal program and employment opportunities. Please contact our office if you have any special needs.
General Announcement

Interested in joining the 4-H Animal Science Program???
Now’s the time to do so!! Contact the specific educator in charge or the program area you are interested in to learn more and how to join.

- Horse – Jerome
- Dairy, Livestock and Poultry – Vanessa
- Rabbit/ Cavy and Dog – Ingrid

Animal Crackers at Cornell University

Saturday, May 6, 2017

This year’s animal topics: Dairy and Goat

Each year Cornell hosts Animal Crackers: a program for 4-Hers interested in learning more about their favorite livestock, companion or pet animal species. Usually two specific species are focused on with a rotation set up. This year it is dog and horse! This is generally geared to 4-Hers involved in animal science projects between the ages of 9 to 12. Registration fee is $15 per person and chaperones are free. Registrations are handled through our office.

Please contact Vanessa to register.

Showcase

This year’s showcase is right around the corner! The animal science show book is getting updated and will be sent out and posted as soon as it’s completed. Please check emails and program newsletter for specific announcements or changes.

Important dates to keep in mind:

- June 1 – Non-Ownership Forms DUE
- July 1 – Showcase Entries DUE
- July 22 – Project Judging
- July 26 – Move in for dairy cattle, beef, and swine
  - 3 PM – Dog Show
- July 27
  - 10 AM – Dairy Cattle Show
  - 2 PM – Poultry Show
  - 5 PM – Dairy Cattle Released
- July 28 – Move in for sheep and goats
  - 7 PM – Sheep & Goat Olympics
- July 29
  - 8 AM – Rabbit & Cavy Show
  - 9:30 AM – Dairy Goat Show
- July 30
  - 10 AM – Sheep Show
  - 1 PM – Meat Goat Show
  - Goat and Sheep released 15 minutes after meat show is finished

Animal Fun Day

When – Saturday, June 10
Time – 10 AM – 3 PM
Where – CCE Education Center & 4-H Park
Cost - $2/person

Come on out and enjoy this great day! This as a hands on educational day open to the public. Every participant has the chance to “travel” around the different stations and learn about the different species of animals there. This would make a great day for a club trip.

ANIMAL SCIENCE: HORSE NEWS

Leader & Jr. Leader Meetings:

Cornell Cooperative Extension, Middletown
Tuesday, May 9, 7:30 PM
Tuesday, June 20, 7:30 PM

Horse Bowl & Hippology

Practices are every Thursday from 6:00 – 8:00 PM
Cornell Cooperative Extension, Middletown

Are you interested in participating and preparing for the 2017 competition? If so you are welcome to begin attending practice at any time. For more information call Ginny at 845-344-7234.

Dates to Remember:
- Sunday, May 21, Schooling Show O.C. Park
- Sunday, June 4, Dressage Show O.C. Park

Poultry Night

This year I’m running a modified version of Poultry Night so that interested families may obtain chicks at the bargain basement price of $1.00 per chick (minimum of six chicks is required). I will only have, at most, eight dozen chicks available so these will all be sold by first come, first -served reservation. If you are interested in obtaining chicks they will be available by reservation. Please call Ingrid to reserve as soon as possible, 344-1234.
**DAIRY ANNOUNCEMENTS**

**Calf Sale**

**Saturday, May 13 at 6 PM**

Silent Auction Fundraiser & BBQ Dinner starts at 6 PM. Calf Sale starts at 7 PM. See page 21

**Dairy 101**

This 2-day, one night 4-H Equine or Dairy Camp is for 4-H youth ages 13 – 19 years of age. All youth will participate in sessions on breeding and nutrition. Dairy Camp participants will also focus on Quality Milk and processing. All sessions are taught by faculty and other professionals.

When – May 19 - 20
Where – Morrisville State College
Cost – $100

Please contact Vanessa if you are interested in participating in this program.

**Dairy Judging & Dairy Challenge Practices**

Practices for both of these educational contests will start in June. Judging will begin on June 6th. Check your email and the next program newsletter for specific dates and locations. If you would like to participate in these contests contact Vanessa for more information. Mark your calendars!

Please remember to check your emails for updates and changes as we get things planned and organized.

**COMING SOON**

**Canine Good Citizen Training**

**Dates and times TBA**

201 Waterloo Rd, Westtown, NY, $10.00 per dog

To Register: Call or email Ingrid Hill: 845-344-1234 or imh23@cornell.edu

The Canine Good Citizen Program is designed to reward dogs who have good manners at home and in the community. The Canine Good Citizen (CGC) is a two-part program that stresses responsible pet ownership for owners and basic good manners for dogs. All dogs who pass the 10-step CGC test may receive a certificate from the American Kennel Club.

Dogs of all ages and breeds are eligible and welcome to participate. Dogs that are registered with the AKC (either as purebred or mixed breed) can earn an official title after passing their CGC test.

For more info: www.akc.org/dog-owners/training/canine-good-citizen/what-is-canine-good-citizen/

**NEW – POULTRY CLUB**

There is a new poultry club starting up! If you would like to learn more about poultry, including raising them and showing them, this is the club for you! The club will meet the 1st Wednesday of every month at the Otisville Community Center. New members welcome. Contact Vanessa for more information on this club.

**"ASK ME" AMBASSADOR TRAINING**

We will be having an "Ask Me" Ambassador training for interested 4-H’ers ages 10 and up. During the Showcase this year "Ask Me" Ambassadors will be primarily responsible for:

- engaging the public in hands-on activities and,
- educating the public about 4-H programs, shows, and contests

Interested 4-H’ers will have opportunity to sharpen their public speaking skills, broaden their communication skills, and learn to effectively represent the Orange County 4-H program to the public. Requirements:

- must be age 10 to 19,
- currently enrolled member in good standing,
- have participated in a 2016 county level Public Presentations event,
- available to serve as an "Ask Me" Ambassador during Showcase July 26 - 30.

**Ambassador Types:**

- General Interest Club Ambassador
- STEM Program Ambassador
- Animal Science Program Ambassador

Training Dates TBA, Please call the 4-H office if interested.
NYS 4-H Forestry Weekend

May 12 - 14, 2017
at 4-H Camp Shankitunk, Delaware County

Join youth from across the state for a weekend of forestry activities, games, and competition. This three-day event is for youth aged 10 and up (and staff and volunteers) interested in learning more about forests, and to select the NYS team that will go to the 2017 National 4-H Forestry Invitational (must be ages 14-19 for the national event).

The Forestry weekend activities include:
- Tree identification
- Tree measurements
- Compass usage
- Map reading
- Insects and diseases
- Outdoor cookery
- Nature games
- Night hikes and more

Cost $43 per person: includes food, materials, and cabin lodging. (A $95 value!). Space is limited, so register now!

Adult volunteers needed to help with food!
Please note that cabin assignments are made by the organizers and that boys and girls will be separated.

For registration call Ingrid Hill at 845-344-1234 or visit cceorangecounty.org/4-h-youth/4-h-forestry-weekend

Would You Like to Learn More About Nature?

Yes?
Then this program is for YOU!

4-H Nature Explorers Jr. is open to 4-H’ers ages 8-12. There are a total of 5 classes starting April 25 that will focus on the science of plants and animals and their environment. Classes on Tuesdays, April 25, May 2, 9, 16, and 23 at 6:30 pm. All classes will be held at the Education center and 4-H Park, 300 Finchville Tumpike, Otisville. Class size is limited to the first 20 youth who sign up. Cost to participate is $5 to help purchase materials and supplies.

For more information or to sign-up please contact Vanessa at 845-344-1234.

NOTE: 4-H’ers ages 13 - 18 who are interested in joining this type of program, look for more information on Nature Explorers coming soon.
0.C. 4-H SCHOLARSHIPS & AWARDS

The following awards and scholarships are available. Please call the 4-H office for information and applications.

Jimmy Simpson Memorial Award:
Purpose: Promote attitude, hard work and sportsmanship
Age: 14 & Over
Amount: $500
Deadline: No application avail.; staff recommendation

4-H Citizenship Scholarship:
Purpose: Promote Leadership in Citizenship
Age: 14 & Over
Amount: 1 - $100
Deadline: September 1

Ralph Lamar Leadership Scholarship
Purpose: Recognize leadership
Age: Senior who has graduated High School
Amount: Variable
Deadline: September 1

4-H Leader’s Association Community Service Scholarship
Purpose: To recognize outstanding leadership in 4-H community service
Age: 17-19
Amount: $500
Deadline: September 1

4-H Leader’s Association Agriculture Scholarship
Purpose: To recognize outstanding agriculture and animal science work as a 4-Her
Age: 17-19
Amount: $500
Deadline: September 1

SPACE IS LIMITED! REGISTER EARLY TO RESERVE YOUR SPOT!

Join Dairy Explorers!
The 4-H dairy program has set up a unique opportunity for youth to learn about dairy farming called DAIRY EXPLORERS. Any youth ages 5-19 can participate. Everyone will get hands on experience in farming!

Some experiences that we offer are: feeding the calves, watching a cow be milked, machinery safety, and the best one, showing a calf! You will be separated into groups and are able to “adopt a calf” (You will not have to take her home, we promise). You will be able to learn all about her, brush her, give her a bath, and the highlight of the program is showing her at the 4-H Showcase! This class also will educate youth on dairy products and their importance. During one class we will make ice cream!

The cost of the program is $50 per child registered as a 4-H member. The cost of non 4-H members is $65. This will cover the cost of any expenses and the veterinary requirements of the calf. To sign up please contact: Vanessa Merrill at 845-344-1234 or vam29@cornell.edu

Hosted by two of our county’s landmark farms.
Please select Indian Acres in Port Jervis or Sprucegate Holsteins in Walden.

MEETINGS ARE WEDNESDAY AT 6:30 PM

| MAY 24 | JULY 5 |
| JUNE 7 | JULY 19 |
| JUNE 21 | JULY 27 - SHOWCASE SHOW |

Please sign up before May 15th. Call Vanessa with questions at 845-344-1234.
The Growing Challenge is Back!
Once again 4-H will challenge you to grow a plant this summer. Do you think you are up for the challenge?

This year’s challenge:
MORNING GLORIES!
With this challenge we measure how long you can grow them.

Open to any youth enrolled in 4-H. Cost to participate is $2 which helps cover plant materials (10 seeds) and prizes. When ordering please indicate if you would like 1 set of seeds or more than one. Seed and information packets will be ready for pick up on May 22. Deadline for signing up and ordering is May 1. Contest will be held at this year’s showcase on Saturday, July 22.

If you would like to participate in this growing challenge or would like more information on this challenge contact Vanessa in the 4-H office - 845 - 344 - 1234.

4-H Camp Shankitunk is a residential summer camp offering your choice of different one week sessions.

For all youth ages 8-16 by January 2017
Located on a picturesque mixture of open meadow and wooded hillsides in Delaware County near the town of Delhi, only 1 1/2 hours away!

✔ Learn new skills!
✔ Make new friends!
✔ Have a whole lot of fun!

For more information, please call Cornell Cooperative Extension Delaware County at 607-865-6531 or visit our website at: www.campshankitunk.org to download a brochure and application.
The Great Extension Duck Derby

When: Saturday, July 29th, 2017
NEW!: Part of the 4-H Showcase Family Fun Day
Time: 4:04 pm to 5:05 pm
Where: Education Center and 4-H Park, 300 Finchville Turnpike, Otisville

This year the Fourth Annual Great Extension Duck Derby will be held at the Park during our 4-H Showcase Family Fun Day on Saturday, July 29th at 4:04pm. We will actually be “building” a temporary river to run our ducks down. Yes, we can do this!!) We are calling the headwaters at the starting line the 4-H DREAM STREAM…and the mouth at the finish line the DERBY DELTA. The course itself will be the WADDLING WATERS. Having the Derby at the Park will be a great opportunity for people to also participate in all the terrific activities at the 4-H Showcase. People will still adopt small, rubber ducks which will “race” down our “river!” (Hint: we’re using a lot of plastic, a lot of hay bales and tanker water).

YOUR HELP IS NEEDED!!!

- We will once again have duck tickets to sell. Clubs will be sent tickets in the mail around April 1st. You can order them by emailing Tom Davis at htd2@cornell.edu. Prizes given for levels sold!
- Last year we had 30 sponsors (levels range from $100 to $1000). Please think of businesses or individuals who might be supportive. Again email Tom for the letters and forms.
- We will need help on July 29th setting up the “River” and running the event. Email Tom if that’s something you can do!

H. Thomas Davis, Chief Quacker

All profits go towards the building of CCE Education Center & 4-H Park!

4-H Alumni Corner

Welcome to the 4-H Alumni Corner. Each month we will feature news for 4-H Alumni and fundraising events for the CCE Education Center & 4-H Park. Mark your calendars...Spread the word around. Let’s get together to reminisce old time and talk about the future.

Update:

We just completed our first 4-H Alumni 5K Run/Walk. We raised approximately $800 which will be donated to the Education Center & 4-H Park. Thank you all for your support.

Calendar of Events:

- **5/13/17** “Burger Burn” during the 4-H Calf Sale. Starting at 5:00 pm
- **5/13/17** 4-H Alumni Memory Display and Alumni Signup during the 4-H Calf Sale
- **6/10/17** Alumni Get Together. Warwick Winery, 114 Little York Road, Warwick. 6 pm.
- **7/29/17** Pig Roast during Showcase. Open to the general public. 5:00 –7:00 pm. Pork, Cole Slaw, Baked Beans, Roll, Dessert, Drink. Tickets will be available the day of the event. $12 for Adults; $6 for children 10 and under.
- **7/29/17** 4-H Alumni Memory Display and Alumni Signup during the Pig Roast
- **4/7/18** 2nd Annual 4-H Alumni 5K Run/Walk
Sample Agenda for a Club 4-H Showcase Meeting:

1. Review the General Rules in the Showcase Book. This will help avoid almost 99% of any problems which might occur.
2. Review special entry information for animals and watch for deadlines. They are early!
3. Review each section of the Showcase Book relating to your club’s specific subject matter entries.
4. Write down all questions for Staff Reps or 4-H Educators. Make sure all questions are answered before 4-H Showcase.
5. Show 4-Hers and parents how to fill out the double entry tags correctly. Extras may be ordered. They will also be available at 4-H Showcase.
6. Some important things to emphasize are:
   ◆ Exhibits are entered at the exhibitor’s risk. Every effort is made to protect exhibits.
   ◆ Double entry tags must be filled out in duplicate. Do not tear apart.
   ◆ Secure entry tags to exhibit so that the tag is not lost. Encourage 4-Hers and parents to watch their exhibits while they are judged.
   ◆ Static exhibits MUST be picked up between 12:00 - 4:00 pm on Sunday, July 30!

Club Fair Action Booths

Clubs interested in the opportunity to run an Action Booth at Showcase or the State Fair must contact Marika prior to July 1, 2017. Selections will be made based on participant numbers, hands-on project appeal, and available time slots.

Please call Marika at 845-344-1234 for more info.

Cloverbud Craft Adventures

We’re excited to announce a new project offering for Cloverbuds! Some of our Teen Leaders will be working to lead a 5-part series of ‘Make and Take’ Cloverbud craft projects beginning in February. We will begin enrolling participants immediately for any and all sessions. Each will enroll separately and you do not need to participate in all five. Each session will offer a new and unique project offering that you’ll discover on the night of class (the first involves fun and simple travel games). You can come for one or any combination thereof. Each project offering will be Showcase eligible and we strongly encourage entry for those who register. Classes are limited to the first twelve registrants though we will keep a wait list in case spots open along the way (classes will not run with less than five participants). There is a $5.00 per project class fee to offset material expenses.

Thursday, May 18, 2017 - 6:00 - 7:30PM
Thursday, June 8, 2017 - 6:00 - 7:30PM

Call Carol to register: 845-344-1234
Why Participate in the 4-H Showcase?

4-H showcases offer members the opportunity to celebrate their growth in many ways:

- Exhibiting helps youth learn to set goals and gain a sense of achievement from their work.
- Positive showcase experiences can build self-esteem and confidence within 4-H youth.
- 4-H members learn to communicate effectively about the work they have done. Communication is a critical life skill that will follow youth into adulthood.
- 4-H Showcase exhibiting reinforces what the 4-H member learned in doing the project.
- While preparing for showcase young people learn more about themselves and what motivates them. They learn how to make decisions, communicate their plans, respond and relate to others and they gain experience in time management.
- Participation in showcase also highlights the importance of fostering positive youth and adult partnerships.

Planning for Showcase

Has your club started thinking about preparation for showcase yet? Here are a few things to keep in mind as you organize yourselves and get ready to participate!

- Elect a person who will be responsible for picking up your clubs displayed projects when the showcase has ended. This person should have a copy of each member’s Showcase Entry List to make this process simple and expedient.
- Showcase tags should be filled out completely and accurately before projects arrive to showcase. Be sure they are attached well and will not be lost during display.
- Please note - no premiums will be paid in 2017.
- Clubs should elect ONE person for static exhibit pick-up. Beginning at noon on Sunday, all projects MUST be picked up by 4 pm. Projects left beyond 4 pm Sunday will be discarded.

4-H Showcase Entries

All entry materials can be found in the Showcase Book. Exhibit Entry Cards are in the Showcase Book. Extra Entry Cards can be obtained by calling us.

Coordinating Leaders: All 4-H Members Exhibiting at 4-H Showcase must be enrolled at the 4-H office!

Coordinating Leaders: The 2016 Showcase Book will soon be available to view, download and print at cceorangecounty.org

The Showcase Book is 8 1/2 " x 11 " in size. All of the entry blanks are included. A sign-up sheet will accommodate all of the 4-H Showcase programs and activities.

ENTRY LIST - All 4-H exhibitors will list their entries in numerical order by class. The sheet will be carried to each judge and marked with award given. **Entry sheet will be turned in when completely marked.** Please do not use the back of an entry sheet.

ENTRY TAG - The double entry tag has been designed so that all the information can be written on both sides of each double entry.

EXTRA ID NEEDED - To insure that each project gets returned, please use a white stick-on label or piece of masking tape to attach securely to back or bottom of each project. Sewing or soft craft projects might need safety pins to secure labels. Labels should contain your name and club name.

In order to prepare properly for the 4-H Showcase, here are a number of suggestions:

1. One parent should be selected to be in charge of coordinating the Showcase for your club. Each club member should provide a copy of their entry list to their club’s Showcase leader. The leader should be aware of all entries by his or her club. This will help assure all entries are returned to each member. That person does not need to be the Club Coordinating Leader, and the responsibility can be rotated from year to year.

2. All 4-H members and leaders need to be detail-oriented. The 4-H Showcase has many rules, deadlines, and opportunities.

3. Set up a special meeting to prepare for the 4-H Showcase to include parents and members. It’s suggested this be done in June.

4. 4-H members, their parents, and leaders need to be encouraged and expected to participate.

5. Too often problems arise because the Showcase Book was not carefully read or not read at all.

6. In order to enter a project, you must be an enrolled 4-H member. All fees must be paid.
Clothing Evaluations and Fashion Revue

If you attended a Sewing Lab or sewed on your own… make sure you attend one of the Clothing Evaluations in May! Also if you are interested in Fashion Revue you MUST register by calling the 4-H office.

Clothing Evaluations:

- **Thursday, May 11th**
  Walden Church, 5:30 – 7:30 PM

- **Saturday, May 13th**
  CCE Office Middletown, 9 - 11 AM

Fashion Revue:

- **Thursday, May 25th**
  CCE Office Middletown, 6:30 – 8 PM
  Practice at 5:45 PM

Community Service

Project Linus No-Sew Blanket Sessions

June 3, July 1, Aug. 5,
Sept. 2, Dec. 9: 10:00 am – Noon
Oct. 7, Nov. 4: 10:00 am – 1:00 pm

All events are at the Town of Wallkill Community Center - Wes Warren Drive, Middletown, NY. All 4-Hers are welcome to attend, but are asked to bring 1.5 yards of fleece as a donation toward the project.

Orange County 4-H

Build the Dream

Fundraiser Magnets Are In!

Support our Park fundraising efforts and show your 4-H pride! The Magnets are available for purchase at the Extension office (please see Carol) and will be available at all major 4-H events over the next few months. $5 each.

What a bargain!

We are asking all club leaders to take orders and collect money and purchase on behalf of their clubs directly from the office. If each enrolled 4-H family purchases 4 magnets -- we will reach our fundraising goal of $10,000, so -- put one on your car, slap one on your horse trailer, put one on your grandparent's car, get one for your locker and show your 4-H pride on your fridge!

It is a great opportunity to talk about the Education Center & Park building project and your experiences in 4-H. All proceeds go to support the next part of the building effort.

$5 each! Call 344-1234
Learning in 4-H is an active, intentional and reflective process where young people develop understanding, skills, and new habits. The nature of the experiences can be vastly different in 4-H but the underlying process and educational philosophy should reflect the same core principles. These principles include:

• Learning in 4-H is designed to be progressive, with experiences building on each other over time.

• 4-H learning is social and connected to a larger, real-world context that encourages and provides opportunities for youth to use what they have learned to improve their own lives and their communities.

• Providing emotional, strategic, and motivational support along with the opportunities encourages personal growth.

• 4-H recognizes that learning involves the entire person and is inclusive of how the young person feels, how they see themselves, what they are doing, and who they are with.

• Learning in 4-H is an integrated process where the young learner and the adult educator (parent, evaluator, project leader) and the learning space all are changed by each other.

• Young people and adults learn together in 4-H. Learning in 4-H should be a collaborative partnership where the youth learner and the adult decide on the goals and the path together and adapting as necessary as the process unfolds.

• 4-H Learning Experiences are carried out in a variety of delivery modes, teaching methods, project and topic areas, and local adaptations.

Take some time to reflect upon your mutual experiences with your 4-Hers’. Then determine how to make these and future experiences impactful in positive ways for your individual 4-Her and your club. Need some ideas to make it happen? Feel free to call the office and speak to a 4-H Educator. We are happy to help!

Can You Help Us Cut Out 4-H Kits?

Do you have access to woodworking equipment or know someone who does? We’re looking for adults who would be willing to help cut out some of our woodworking kit projects once or twice a year. The demand for all our woodworking projects has increased, and we need additional help.

If you can help or know of someone who might, please call Vanessa at 344-1234 or sign up on the enclosed return sheet. We would also like to know what kind of equipment people have. Equipment that would be most helpful includes: Band saws, table saws, power drills, and scroll saws.

Call Vanessa at 344-1234 if you have questions.
2017 NYS 4-H Career Explorations Conference

WHAT IS CAREER EXPLORATIONS?

- Cornell Cooperative Extension's 4-H Youth Development program hosts a three-day youth conference on the Cornell University Campus
- By offering a hands-on college experience, Career Ex provides youth with exposure to Cornell University, its academic fields, and associated careers while providing opportunities to develop leadership skills

HOW DOES IT WORK?

- Youth have fun while learning about science, technology, humanities and...themselves!
- Youth enjoy engaging, interactive workshops run by Cornell faculty and staff!
- The Conference offers two grade-specific tracks: 
  University U for youth entering grades 8 - 9 
  Focus for Teens for youth entering grades 10 - 12

June 27-29, 2017
Cornell University, Ithaca, NY

COST: Base price plus transportation & chaperone fee (TBD). $150 non-refundable deposit. First come first served.

Scholarships are available but competitive.

Registration Now Open
Call Marika: 344-1234

For more info: http://bit.ly/careerex

4-H LEADER’S ASSOCIATION

Join Orange County
4-H Leader’s Association

Leadership - Scholarship - Connection - Networking - Fundraising

The 4-H Leader’s Association is an organization of club and special program leaders that come from varying backgrounds and offer support to clubs and their coordinating leaders within Orange County's 4-H program. Being part of the Association allows leaders to gather, share information, and learn from each other in a friendly forum that encourages open discussion and dialogue on a wide range of topics.

Leader’s Association Meetings

The Association business meeting is first, followed by a topic for leaders and junior leaders.

Tuesday, June 6, at 7:00 pm

NEW PROGRAM: ARCHERY

Learn the history of archery, safety on the range, equipment, proper shooting form and technique, and to make some form of archery tack. The primary goals of the program are to help youth demonstrate safety and concern for others, exercise discipline while achieving goals, and connect to their natural environment.

Middle & High School Beginners Course

Thursday Evenings 6:30 - 8:00 PM
April 27 – June 15, 2017
Education Center & 4-H Park
300 Finchville Turnpike, Otisville, NY

Program Fee $60/person for new participants; $30 for returning participants.(open to 4-H and non-4-H members)
Register online at www.cceorangecounty.org.
Applications will be provided for non-4-H members in addition to online registration.
For more information, please call 845-344-1234.
4-H members continue to amaze when it comes to Public Presentations! The creativity, information, and talent are once again top-notch! Topics from this year included: Heat Prostration in Rabbits, Leadership, Make-up, Social Media, Operation Christmas Child, Bio-Plastic Made from Milk, Drones, The Psychology of Lying, Logic Gates, Feral Cats, Sustainable Energy, Sleep, and The History of Animation … just to name a few. We also learned Ways to control Your Anger, How to draw a Horse, Parts of a Saddle and How to make Lemon Mousse! And quite possibly the most informative presentation I’ve ever heard… The Emu War (Australia)!

4-H’ers from all over Orange County participated this year and we here in the 4-H office are very proud! Public speaking is the number one fear of Americans, and our 4-H’ers are looking that fear in the eye and not only conquering it, but excelling in it as well! We had several members who advanced on to the District Level of Public Presentations! Congratulations to the following 4-H’ers who were selected to represent Orange County at Dutchess Community College on April 29th for the District Event!

Sydney W. – Carriage Horses on NYC
Isabel J. – Play Ball
Fiona M. – Animal Euthanasia
Jasmine V. – Social Media
Janelle P. – Overwatch
Natalie R. - Tap
Liam O. – Heat Prostration in Rabbits
Julia S. – History of Animation
Sam Q. – Feral Cats
Sawyer Q. – The Emu War
Simone E. – Sleep
Danae E. – Logic Gates
Casey H. – Leadership
Rachel P. – Bethany Hamilton
Isabelle H. - Astronomy
Olivia P. – A Picture’s Worth a Thousand Words…
Sophia P. – Slime 101
Shees J. – Drones
Gabriel E. – Rabbit Breeds
Kashaf J. – Nelson Mandela
Emma S. – Bio-Plastic Made from Milk
Jaden B. – Horse Treats
Erika P. – the Psychology of Lying
Shannon M. – Poisonous Plants
Teddi M. – The Digestive System
Sean F. – Teen Interview & Civil Air Patrol
Bisma M. – Brilliant Bridges by Bisma

What’s Your Spark? It’s a Rube Goldberg Challenge

The latest 4-H STEM Challenge is ready for you to conquer! This year’s challenges as follows:

1st – 2nd Year Participants – Water a Plant
3rd + Year Participants – Squeeze Toothpaste on a Toothbrush

This contest can be done as a club or by an individual 4-H’er.

Machine Showcase
June 2, 2017 at 6:30 PM
at the 4-H Park,
300 Finchville Tpke.,
Otisville, NY 10963
For more information or to signup contact
First-time Participants please contact Vanessa to schedule an Informational Meeting
## MAY 2017

<table>
<thead>
<tr>
<th>SUNDAY</th>
<th>MONDAY</th>
<th>TUESDAY</th>
<th>WEDNESDAY</th>
<th>THURSDAY</th>
<th>FRIDAY</th>
<th>SATURDAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>STEM Teen Leader Meeting 6:30 pm Dog 5</td>
<td>Jr. Nature Explorers 6:30 pm</td>
<td>TCLD 7 - 8:30 pm</td>
<td>Horse Bowl/Hippology 6 – 8 pm</td>
<td>Animal Crackers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
</tr>
<tr>
<td>Dog 6</td>
<td>Jr. Nature Explorers 6:30 pm Horse Leaders 7:30 pm</td>
<td>Jr. Nature Explorers, 6:30 pm</td>
<td>TCLD 7 – 8:30 pm</td>
<td>Clothing Evaluation Walden Church, 5 – 7 pm Horse Bowl/Hippology 6 – 8 pm</td>
<td>NYS Forestry Weekend</td>
<td>Calf Sale Clothing Evaluation CCE Middletown 9 am – 11 am</td>
</tr>
<tr>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
</tr>
<tr>
<td>NYS Forestry Weekend</td>
<td>Dog 7 STEM Jr. Leader Meeting 6:30 pm Capital Days</td>
<td>Jr. Nature Explorers, 6:30 pm</td>
<td>Horse Bowl/Hippology 6 – 8 pm</td>
<td>Horse Bowl/Hippology 6 – 8 pm</td>
<td>Cooking Program 6 pm</td>
<td>International Day</td>
</tr>
<tr>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
</tr>
<tr>
<td>Horse Schooling Show 4-H Capital Days, Albany, NY</td>
<td>Dog 8 Robotics – 6:30 pm</td>
<td>Jr. Nature Explorers 6:30 pm</td>
<td>Dairy Explorers, 6:30 pm</td>
<td>Fashion Revue CCE Middletown 6:30 – 8 pm Horse Bowl/Hippology 6 – 8 pm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>29</td>
<td>30</td>
<td>31</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OFFICE CLOSED</td>
<td></td>
<td></td>
<td>TLCD, 7 – 8:30 pm</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## JUNE 2017

<table>
<thead>
<tr>
<th>SUNDAY</th>
<th>MONDAY</th>
<th>TUESDAY</th>
<th>WEDNESDAY</th>
<th>THURSDAY</th>
<th>FRIDAY</th>
<th>SATURDAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
</tr>
<tr>
<td>Dressage Show, 8 am</td>
<td>Dog Class 9 STEM Teen Leaders 6:30 pm</td>
<td>Leaders Association 7 pm Daily Judging 7 pm</td>
<td>Jr. Dairy Explorers, 6:30 pm TLCD 7 – 8:30 pm</td>
<td>Cloverbud Craft Event Horse Bowl/Hippology 6 – 8 pm Archery Class 7</td>
<td></td>
<td>Dog Graduation Show Otisville, 9 am Animal Fun Day Otisville, 10 am</td>
</tr>
<tr>
<td>11</td>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
</tr>
<tr>
<td></td>
<td>Robotics – 7 pm</td>
<td></td>
<td>TCLD 7 – 8:30 pm</td>
<td>Horse Bowl/Hippology 6 – 8 pm Archery Class 8 6:30 pm</td>
<td>Stem Camp</td>
<td>Cooking Program 6 pm</td>
</tr>
<tr>
<td>18</td>
<td>19</td>
<td>20</td>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
</tr>
<tr>
<td>Stem Camp</td>
<td>Stem Jr. Leaders 6:30 pm</td>
<td>Horse Leaders 7:30 pm Dairy Judging 7 pm</td>
<td>Dairy Explorers, 6:30 pm</td>
<td>Horse Bowl/Hippology 6 – 8 pm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Central NY Judging Tour 7 pm</td>
<td>Career Dairy Challenge 7 pm</td>
<td>Explorations</td>
<td>Pollurum Testing 6 – 8 pm Horse Bowl/Hippology 6 – 8 pm</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
IN THE NEWS!!

Regional 4-H STEM Camp
An Exciting Opportunity!!!

Orange County 4-H is happy to share an exciting opportunity for a multi-county Science Event being held at Camp Shankitunk in Delaware County. Participants may choose from tracks in Rocketry I & II, Sustainable Energy, Geocaching, Outdoor Adventure, and Robotics. All tracks are planned for ages 10 and up and will include hands on learning. Cost is $75.00 per participant. Included in this cost are your accommodations at the lovely Camp Shankitunk, all meals, and materials fees for the chosen science track. Registration is limited to the first 10 participants from Orange County, so please do NOT delay and miss a spot!!

Call Ingrid with any questions: 344-1234

Clover Leaves is prepared by the 4-H Program area of the Cornell Cooperative Extension Orange County. If you have information for Clover Leaves, it needs to be in the 4-H office by the 10th of each month. If you would like to receive a subscription to Clover Leaves, sign up as a 4-H member or volunteer. The information is supplied with the understanding that no discrimination is intended and no endorsement by Cornell Cooperative Extension is implied. Cornell Cooperative Extension provides equal program and employment opportunities. Cornell Cooperative Extension Orange County, a not-for-profit educational association, recognizes and is grateful for the financial support of the Orange County, New York State and Federal Governments, our grantors and private donors. This funding is essential to our goal of positively impacting the lives of our citizens.

4-H PROGRAM STAFF

Lucy Joyce .......................... Executive Director
Jerome Christie ........................ 4-H Issue Leader
Carol McLaughlin ........................ 4-H Program Secretary
Marika Gatta .......................... Extension Resource Educator
Ingrid Hill .............................. Community Educator
Vanessa Merrill ........................ Resource Educator
Kathy Leo .............................. Membership Assist.
Sue Wittenberg ........................ Membership Assist.
Kimberly LeBlanc ........................ Membership Assist.
DeAnna Sardella-Matthews ........................ 4-H Program Assist.
Jerry Reinhardt ............................... Printer

18 Seward Ave., Suite 300, Middletown, NY 10940-1919
Phone: 845-344-1234 Fax: 845-343-7471
cceorangecounty.org Email: orange@cornell.edu
Come be a part of Showcase & Participate in

4-H STEM FAIR

Saturday, July 29 Starting at 12 NOON
At the New Education Ctr. & 4-H Park!

Create a display and give a presentation on a topic in either Science, Technology, Engineering or Math. Youth will be evaluated on both their presentation skills and content knowledge.

Examples of topics include:
✓ Biography of a famous scientist and their work
✓ Explain how to solve a math problem or theory
✓ Do an experiment and explain your findings
✓ Describe a new technology
✓ Biography of a famous engineer and their work
✓ Describe a building and its engineering principals
✓ Develop a new technology

The fair is designed so that youth can explore an area of STEM that interests them. Topic ideas for presentations are open to anything that falls into the 4 areas of STEM. Participating in this program will also give youth credit for a second presentation for the 2016 - 2017 4-H year.

Any 4-H'er interested in participating in the STEM Fair please contact Vanessa at 344-1234 for more info or to sign up.

SCHEDULE

12 - 12:30 PM Arrive to set up display. ALL displays must be set up by 12:30 and stay up for entire Showcase.
12:30 PM Science presentations start being judged
1:00 PM Technology presentations start being judged
1:30 PM Engineering presentations start being judged
2:00 PM Math presentations start being judged
3:30 PM Award ceremony