

*Montcalm County*

# 4-H Family News

May 28, 2019

## It's almost summer!

With the warming weather and longer daylight hours comes many exciting events and activities for 4-H families. We are gearing up for a really busy June and have lots of events on the horizon.

In this newsletter you will find information about 4-H Exploration Days, the Montcalm County Fair, 4-H summer camp opportunities and information on many events. Please take time to read through them carefully as there is a lot of information that is important. Summer is a very fun time and I hope our 4-H members and volunteers are able to take advantage of all the 4-H happenings along with having some fun in the sun.

I look forward to seeing you all this summer!

Sincerely,

Tarin Minkel

4-H Program Coordinator

## Contact Us

Tarin Minkel  
4-H Program Coordinator

211 W Main Street  
PO BOX 368  
Stanton, MI 48888

**Phone**  
989-831-7500

**Email**  
minkeltj@msu.edu

**Web Site**  
[https://www.canr.msu.edu/  
montcalm-county/  
montcalm-county-4-h/index](https://www.canr.msu.edu/montcalm-county/montcalm-county-4-h/index)

## Calendar of events:

- May 28– Montcalm County 4-H Livestock Committee, Ash Building, 7:00 p.m.
- May 29– 4-H Exploration Days meeting for participants, Ash Building, 6:00 p.m.
- May 29– 4-H Junior Superintendent meeting, Ash Building, 7 p.m.
- June 4– 4-H Council Meeting, MSUE, 6:30 p.m.
- June 6– 4-H Dog Committee Meeting, Ash Building, 6:30 p.m.
- June 9– LAST 4-H Exhibitor meeting, Livestock Arena, 6:00 p.m.
- June 11– Montcalm County 4-H Horse Leaders, Ash Building, 7:00 p.m.
- June 12– 4-H'er of the Year Interviews
- June 17– 4-H Small Animal Committee, MSUE, 6:00 p.m.
- June 17– 4-H Community Connection, MSUE, 7:15 p.m.
- June 22– 30– Montcalm County Fair (see schedule at end of newsletter)

Michigan State University is an affirmative action/equal opportunity employer. Michigan State University Extension programs and materials are open to all without regard to race, color, national origin, gender, gender identity, religion, age, height, weight, disability, political beliefs, sexual orientation, marital status, family status or veteran status. Issued in furtherance of MSU Extension work, acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture. Jeffrey W. Dwyer, Director, MSU Extension, East Lansing, MI 48824. This information is for educational purposes only. Reference to commercial products or trade names does not imply endorsement by MSU Extension or bias against those not mentioned. The 4-H Name and Emblem have special protections from Congress, protected by code 18 USC 707.



## Chicken Embryology

Over the past 11 weeks, three classrooms of third grade students have participated in hatching chicken eggs. One classroom at Flat River Academy and two at Cedar Crest Elementary have gotten to experience the miracle of life while incubating, hatching and caring for baby chicks. Each week, the classroom participated in a lesson learning all about chickens. Students were able to care for the chicks and after the project was finished, chicks were placed with families from the classrooms and school. This is a great way 4-H is getting out in the community and sharing our program with others.



**Attention 4-H Exploration Days participants...** there is a meeting for all participants on Wednesday, May 29th at 6 p.m. at the Ash Building on the fairgrounds. There will also be a 4-H logo wear shop at Expo Days this year so be sure to bring some money to check out all the 4-H swag!

**4-H'er of the Year applications** are due Monday, June 3rd by 4 p.m. to the MSU Extension office. Interviews will be held on Wednesday, June 12th so if you apply, please hold that date. Applications can be found here: <https://www.canr.msu.edu/montcalm-county/uploads/files/4-Her%20of%20the%20Year%20Application%20Form.pdf>

**4-H Grows Here yard signs** are now available at the MSU Extension office. They can be purchased for \$15 each or they can be checked out for one month. Please contact the office if you are interested in a yard sign to promote 4-H.

**Attention 4-H Club Leaders...** The concession stand and still exhibit duty sheet was emailed out about a month ago. Some clubs have not turned those in yet so please get that done as soon as possible. The pen count sheet for each club is due June 1st so make sure to get those completed and submitted to [livestockcommittee76@gmail.com](mailto:livestockcommittee76@gmail.com).

**The 4-H Junior Superintendents** meeting will be held on May 29th at 7 p.m. in the Ash Building. All applicants should have received an email this week reminding them. If you applied and did not receive this email, please contact the MSU Extension office.

**A CPR class is being hosted** June 2nd at the Ash Building, from 10a.m. to 2 p.m. The cost is \$15 per person and must be paid in advance to MSU Extension office or Cindy Karafa to reserve your spot.

**Chicken leg bands are here!** If you did not get chicken leg bands and need them, please stop by the office as soon as possible. They are \$1 each and the numbers will need to be emailed to [livestockcommittee76@gmail.com](mailto:livestockcommittee76@gmail.com) after you receive them.

**Each exhibitor taking a project** (animal or still exhibit) to the fair has to serve two hours at the fairgrounds providing clean up. The last cleanup date is June 15th with a time to be announced. Please RSVP to Jason Nadeau and bring yard tools, rakes, wheelbarrows, weed whips, gloves, etc. Can work on the campground and other areas.

**The final Livestock Exhibitor Meeting** will be held June 9th in the livestock arena at the fairgrounds at 6 p.m. Attending an exhibitor meeting is required of anyone showing livestock at the fair. Anyone not willing to make the May or June meeting dates will need to contact Cory Wall for alternative information.

**The 4-H Michigan Youth Dairy Days** information is now available. Please visit <https://www.canr.msu.edu/events/23rd-annual-mi-dairy-expo-days-2019> for more information. Updates will be shared on the MI 4-H Youth Facebook page (<https://www.facebook.com/MichiganDairyYouthProgram/>) or the Michigan Dairy Expo Page (<https://www.facebook.com/MichiganDairyExpo/>)

**The Antique Tractor Club** is looking for some 4-H members interested in promoting 4-H and doing a petting zoo and/or dog agility demonstration on Saturday, July 27th at the park in McBride. They are hosting a tractor show that attracts many people and are interested in partnering with 4-H on Saturday for family day. If you or your club are interested, please contact Bruce Reynolds at 616-755-2147.

## 4th Grade Field Day

On May 14th we were invited to partner with the Montcalm County Conservation District and Montcalm County Farm Bureau to provide an educational station to 4th graders visiting 4th Grade Field Day. 4-H members and volunteers taught 300 students about 4-H, animals and caring for animals. Shout out to Nancy Spanski and Heather Anderson for being at the event and making sure it ran smoothly. Below you will see some of the youth that served as teachers during the event and practiced their public speaking, communication, and leadership skills. Thank you all for your hard work!



Those that are exhibiting a finished market beef or dairy beef project need to take BQA or YQCA before selling their animal. YQCA can be taken online here: <http://yqca.org/>

**Facebook Pages/Groups:** Fair is approaching and many questions are coming up. I would like to encourage you all to make sure you are a part of the following Facebook pages/Groups where important information is addressed, questions are answered and resources are provided to all participants.

- [Montcalm County Horse Leaders](#)
- [Montcalm County Livestock Committee](#)
- [Montcalm County 4-H Dog Group](#)
- [Montcalm County 4-H](#)
- [Montcalm 4-H Small Animal Committee](#)
- [Montcalm County Fairgrounds and Events](#)

**4-H members and volunteers have** been working hard on completing the horse stalls in the new addition to the horse barn. They are working to organize another work session and would appreciate the help. Please visit the horse leaders Facebook page for more up-to-date information.

**Record Books** are a very important part of project completion and can be found [here](#). Just a quick reminder on the deadlines for submitting record books...

**Thursday, May 30th from 6-8 p.m.** (turn in at horse show entry booth on fair grounds)– Horse

**Saturday, June 1st from 5-8 p.m.** (turn in to superintendent at livestock arena on fairgrounds)– Dog

**Sunday, June 23rd before 2 p.m.** (turn in to rabbit/cavy superintendent in small animal barn)– Cavy market rabbit and breedstock rabbit

**Sunday, June 23rd from 4-6 p.m.** (turn in at livestock arena)– market beef, market dairy beef, market feeders, beef breedstock, market goat, goat breedstock, llama, alpaca, market poultry, poultry breedstock, market sheep, sheep breed stock, market swine

**Monday, June 24th before noon** (turn into superintendent in dairy barn)– Dairy breedstock

As we approach the fair, I wanted to provide a visual of the different partners that play a role in the fair and what their efforts are focused on. Often times, each of the groups can direct questions where they belong but this may help if questions arise as to where to go to get them answered.

Fair board	MSU Extension	Committees
Camping	4-H concession stand	Animal registrations
Parking	Still exhibits	Stall assignments and pen counts
Vendors	Showmanship Sweepstakes	Shows
ShoWorks	Ag-Olympics	Check-in/Check-out
Buildings	Kids activity area	
Rentals		

## Great Neighbor Photo Contest



Tractor Supply Co. (TSC) is holding its yearly Great Neighbor Photo contest.

Until June 16, Michigan 4-H members and FFA youth have the opportunity to submit a memorable photo of 4-H or FFA projects.

The photo should illustrate how you have made a positive impact in your community. Include with the photo a brief caption explaining your photo submission in 200 words or less.

TSC will recognize three winners at each stop along their fair tour route as a way to highlight the differences that both 4-H and FFA make in their communities. Each winner will be presented with a plaque and a TSC gift pack.

To learn more about the contest, visit <https://www.tractorsupply.com/landing-pages/events/fair-tour>.

## 4-H Events and Workshops

### June 1: 4-H Children's Garden Geocache Event

*Plant and Soil Sciences Building, East Lansing*

This event is for everyone interested in spending a day on a geocaching adventure. Bring a picnic lunch and come spend the day in the gardens.

<https://www.canr.msu.edu/events/4-h-children-s-garden-geocache-event>

### June 8: 4-H Day at Michigan's Adventure

*Michigan Adventures, Muskegon*

Support 4-H and enjoy a day of fun with 4-H friends. Tickets are \$26.00 per guest and includes use of both parks. Advanced purchase is required.

<https://www.canr.msu.edu/events/4-h-day-at-michigan-s-adventure>

### June 11: Interviewing Success

*Online webinar*

This webinar will help youth 13 years and older prepare for job, scholarship and award interviews. Topics include what to wear, how to answer tough questions and more.

<https://www.canr.msu.edu/events/interviewing-success-june-11>

### June 14: MSU Tollgate Starry Night on the Farm Family Overnight 2019

*Tollgate Farm and Education Center, Novi*

This family-oriented visit will give you a rare glimpse into what goes on after sundown on the farm. Registration is required.

<https://www.canr.msu.edu/events/msu-tollgate-starry-night-on-the-farm-family-overnight-2019>

### June 15: Archery Regional Training

*Livingston Conservation and Sports Association, Brighton*

This training is open for adults and teens 14 years and older who would like to become certified instructors for the 4-H Shooting Sports program.

<https://www.canr.msu.edu/events/archery-regional-training>

### June 22: State 4-H Goat Show

*MSU Pavilion, East Lansing*

Kick off the show season and exhibit your goats at the 2019 Michigan State 4-H Goat Show. Registration is due by June 17.

<https://www.canr.msu.edu/events/2019-michigan-state-4-h-goat-show>

### June 26: Floral Design Workshop

*Isabella County Building, Mount Pleasant*

Learn tips and tricks to make your flowers extraordinary. Have fun while learning about flowers and use your creativity to design a flower arrangement like a pro.

<https://www.canr.msu.edu/events/floral-design-workshop-isabella-county>

For the most up-to-date events listing, go to <http://4h.msue.msu.edu/events>.



## Explore your personal wellness with 4-H Healthy U @ MSU

Are you interested in learning more about living a nutritious and healthy lifestyle by maintaining your physical and mental health? If the answer is yes, join Michigan 4-H for a one day program at Michigan State University on August 2.

Participants of the program will be provided information on nutrition, physical fitness and emotional health, with tips regarding how to maintain your health throughout the year. The event will be held on campus, with a check-in time at 9:30 a.m. and will last till 5:00 p.m.

To attend this event, the cost is \$35.00 for 4-H members and \$50.00 for non 4-H members. The cost of the event includes meals, a t-shirt and camp materials. To learn more, visit <https://www.canr.msu.edu/4-h-health-food-science-camp/> and make plans to register by July 12.

## 2019 Michigan 4-H Mark of Excellence award winners

Author: Betty Jo Krosnicki

Every year, counties across Michigan offer 4-H youth, ages 11 and 12, the opportunity to participate in Michigan 4-H State Awards' 4-H Mark of Excellence essay contest. The essay theme is "Because of 4-H, I can..." and the youth referred to a variety of memorable experiences in their time as 4-H'ers.

As part of the contest, up to two 4-H youth essays from each country are selected to be recognized as award winners. In 2019, the following 37 4-H members from 26 counties were selected as the 2019 Mark of Excellence county winners.

- Alpena County: A'va Maria Mitchell
- Berrien County: Derrick J. Freehling and Isabelle Noel Hunn
- Cass County: Leah Shelby and Savannah Shelby
- Chippewa County: Jessy Baron
- Clare County: Haley Schunk and Allison Whitaker
- Clinton County: Natalie Bounds
- Genesee County: Elizabeth Hartmann
- Gratiot County: Brayden Bonga and Paisley Hansen
- Ionia County: Alyssa Possehn and Nicole Trierweiler
- Iosco County: Symphonie J. Nelkie
- Isabella County: James Endres and Eva Lynch
- Lapeer County: Arianna Wright
- Lenawee County: Holly Mitchell
- Livingston County: Yasmin Scheuneman and Karley Williams
- Macomb County: Shelby Phillion
- Mecosta County: Jadyln Herzog
- Missaukee County: Chiara Z. Sible
- Monroe County: Brandon Fisher and Camden Schmidt
- Newaygo County: Aimee Jo Boisvert and Isabel R. Zimmer
- Oakland County: Mitchell Bessolo and Oscar Vartanian
- Saginaw County: Noah Hecht
- Sanilac County: Amelia Adamczyk and Maggie VanSickle
- St. Joseph County: Zachary Sowards Haack
- Van Buren County: Jack Loomis
- Washtenaw County: William Rogers
- Wayne County: Cooper Genaw

Each recipient received a medal, and their winning essays were added to the Mark of Excellence history book at the [Michigan 4-H Foundation](#) and State 4-H Office at MSU Extension. The essays are also on display at the [Kettunen Center](#) in Tustin, Michigan. Congratulations to our winners!

## 4-H Exploration Days 50th Celebration



Join 4-H alumni, retirees and friends at an ice cream social celebrating 50 years of 4-H Exploration Days.

Attendees of the event will have the opportunity to share stories of past 4-H Exploration Days, hear current 4-H experiences, enjoy the 4-H Children's Gardens and celebrate with treats.

Reservations are required, to learn more visit: <https://www.canr.msu.edu/events/4-h-exploration-days-50th-celebration>.

# AG-OLYMPICS

FORM A TEAM OF 5-6 YOUTH AND JOIN US FOR SOME COMPETITIVE AG-THEMED GAMES

LIVESTOCK ARENA

FRIDAY, JUNE 28TH AT 4 P.M.

DON'T FORGET TO SIGN UP IN THE ASH BUILDING LOBBY

*Prizes will be awarded!*



**MICHIGAN STATE UNIVERSITY** Extension

\*MSU is an affirmative-action, equal-opportunity employer. Michigan State University Extension programs and materials are open to all without regard to race, color, national origin, gender, gender identity, religion, age, height, weight, disability, political beliefs, sexual orientation, marital status, family status or veteran status.\*

# S'mores by the Pond

Hosted by the 4-H Community Connection Committee

Saturday, June 29th from 7-10 p.m.

Southeast corner of the pond on the fairgrounds

Join us anytime and make a S'more. Supplies provided.



MICHIGAN STATE UNIVERSITY | Extension

"MSU is an affirmative-action, equal-opportunity employer. Michigan State University Extension programs and materials are open to all without regard to race, color, national origin, gender, gender identity, religion, age, height, weight, disability, political beliefs, sexual orientation, marital status, family status or veteran status."

# 2019 MONTCALM COUNTY 4-H FAIR

## 4-H YOUTH SHOWS, GRAND STAND EVENTS & CARNIVAL RIDE SCHEDULES

Times and dates are subject to change, please check the Montcalm County 4-H Fair Association and/or MSU Montcalm Extension 4-H websites for updated information:  
[www.montcalmcountyyfairgrounds.com](http://www.montcalmcountyyfairgrounds.com) and [https://msue.anr.msu.edu/county/montcalm/4\\_h\\_fair\\_information](https://msue.anr.msu.edu/county/montcalm/4_h_fair_information)

---

### Saturday, June 22nd

4-H Still Exhibit Project Judging – Ash Foundation Building - 9:00 a.m. to 2:00 p.m.  
Open Class – Ash Foundation Building - Entries: 10:00 a.m. to 2:00 p.m. Judging: 2:00 p.m.  
Opening Ceremonies, 4-H'er of the Year and Awards Presentation – Ash Foundation Building - 6:00 p.m.  
4-H Exhibitor's Still Exhibit and Food Auction – Ash Foundation Building - Following Awards

---

### Sunday, June 23rd

4-H Market Animal Livestock Weigh-Ins:  
Beef, Goats, Sheep and Swine – Livestock Barn - 6:00 a.m. to 2:00 p.m.  
Poultry Weigh-In and Pullorum Test – Small Animal Barn (Poultry End) - 8:00 a.m. to 12:00 p.m.

4-H Carcass Class Live Evaluation – Sheep and Swine – Livestock Arena - 4:00 p.m.

4-H Dog Show (Cloverbud, Showmanship, Obedience, Team, Brace and Costume Classes)  
Livestock Arena - Registration 5:00 p.m. to 5:45 a.m. Show: 6:00 p.m. a.m.

Unique Motor Sports Twisted Trailer Races - Grand Stand - 5:00 p.m.  
*Adults and Children 11 and up: \$10.00 each Children 10 and under: \$5.00 each*

---

### Monday, June 24th

4-H Small Animals/Pocket Pets Show – Ash Foundation Building - 9:30 a.m.  
4-H Demonstrations and Interviews – Ash Foundation Building - 10:30 a.m.  
4-H Horse/Pony Show – Showmanship, Western Horsemanship, Reining – Horse Arena - 9:00 a.m.  
4-H Dairy Check-In – animals in place by noon  
4-H Poultry, Waterfowl, Wild Fowl, Pigeons, Eggs and Embryology Show – Small Animal Arena - 9:00 a.m..  
4-H Horse/Pony Show – Cloverbuds – Horse Arena - 6:30 p.m.  
4-H Sheep Show – Livestock Arena - 7:00 p.m.

Antique Tractor Pull - Grand Stand - 7:00 p.m.  
*Adults and Children 11 and up: \$5.00 each Children 10 and under: Free*

---

### Tuesday, June 25th

4-H Swine Show – Livestock Arena - 8:30 a.m.  
4-H Horse/Pony Show – Western & Trail – Horse Arena - 9:00 a.m. Versatility - Horse Arena - 6:30 p.m.  
4-H Goat Fun Classes (Trail, Costume & Goat Cart) – Small Animal Arena - 2:00 p.m.  
4-H Goat Show – Small Animal Arena - 3:00 p.m.  
4-H Performing Arts and Style Show – Ash Foundation Building - 6:00 p.m.

Maple Leaf Amusement Rides - \$10.00 for 10 rides - 5:00 p.m. to 10:00 p.m.

Pooman Pullers Mini Modified Tractor Pull – Grand Stand - 7:00 p.m.  
*Adults and Children 11 and up: \$5.00 each Children 10 and under: Free*

---



# 2019 MONTCALM COUNTY 4-H FAIR

## 4-H YOUTH SHOWS, GRAND STAND EVENTS & CARNIVAL RIDE SCHEDULES

Times and dates are subject to change, please check the Montcalm County 4-H Fair Association and/or MSU Montcalm Extension 4-H websites for updated information:  
[www.montcalmcountyfairgrounds.com](http://www.montcalmcountyfairgrounds.com) and [https://msue.anr.msu.edu/county/montcalm/4\\_h\\_fair\\_information](https://msue.anr.msu.edu/county/montcalm/4_h_fair_information)

---

### Wednesday, June 26th

4-H Horse/Pony Show – English, Hunt Seat Equitation, Hunt Seat Pleasure – Horse Arena - 9:00 a.m.

4-H Dairy Show – Livestock Arena - 9:00 a.m.

4-H Rabbit and Cavy Show - Small Animal Arena - 9:00 a.m.

4-H Beef Show – Livestock Arena - 1:00 p.m.

4-H Llama/Alpaca Show – TBA - Livestock or Small animal - 5:00 p.m.

4-H Sheep and Swine Carcass Show – Sage’s Meats, Greenville - 6:00 p.m.

Maple Leaf Amusement Rides - \$18.00 per armband- all day

4-H Horse/Pony Show – Pro-Am – Horse Arena - 6:30 p.m.

---

### Thursday, June 27th

4-H Horse/Pony – Jumping and Dressage – Horse Arena - 9:00 a.m.

Market Beef Cattle Ultrasound Results – Livestock Arena - 2:00 p.m.

Maple Leaf Amusement Rides - \$18.00 per armband- all day

4-H Market Animal Livestock Auction – Livestock Arena - 3:00 p.m.

*(Bidder Registration starts at 2:00 p.m.)*

---

### Friday, June 28th

4-H Horse/Pony Show – Gymkhana Horsemansip, All Speed events – Horse Arena - 8:00 a.m.

Kids Day Expo – 4-H Expo Tent/Ash Foundation Building - 10:00 a.m. to 2:00 p.m.

Maple Leaf Amusement Rides - \$12.00 per armband all day

Flying Star Rodeo Productions - Grand Stand - 7:00 p.m.

*Adults and Children 11 and up: \$12.00 each Children 10 and under: \$6.00 each*

---

### Saturday, June 29th

4-H Horse/Pony Cart Classes – Horse Arena - 10:00 a.m.

4-H Showmanship Sweepstakes – Livestock Arena - 10:00 a.m.

4-H Exhibitors Honors and Outstanding Photos after Sweepstakes - Livestock Arena - 12:00 p.m.

4-H Horse/Pony Costume Class – Horse Arena - after 4-H Showmanship Sweepstakes.

4-H Tractor Driving Contest – Location To Be Announced - 1:00 p.m.

4-H Dog Show (Agility Classes) – Livestock Arena - Registration: 1:00 p.m. Show: 2:00 p.m.

4-H Club Herdsmanship Awards – To be announced in the evening.

Maple Leaf Amusement Rides - \$18.00 per armband- all day

Unique Motor Sports Demolition Derby – Grand Stand - 7:00 p.m.

*Adults and Children 11 and up: \$15.00 each Children 10 and under: \$6.00 each*

## Kent Count Showmanship Plus Workshop- Small Animals

Open to all youth ages: 5-19

To Register: <https://events.anr.msu.edu/KentCountyShowmanshipSmallAnimals/>

Provided to you in partnership with Kent County 4-H and the Kent County Fair. Parents and leaders are welcome to attend and learn beside their youth.

**Date: June 1      Location: Kent County Youth Fair Grounds (Lowell)      Time: 9:00-12:00**  
**Cost: 5.00      Registration time: 9:00-9:30**

For Poultry and Dog -**bring your own animal along with a way to keep it secure.** We will have a few birds available for youth just trying Poultry for the first time.

POULTRY: Poultry showmanship- Beginners: 9:30- 10:30      DOGS: Showmanship- Beginner: 9:30- 10:30 Limit per class 30 youth

Poultry showmanship- Advance: 10:45-11:45

Showmanship- Advance: 10:45-11:45 Limit per class 30 youth

Market Bird Clinic- Beginners: 10:45-11:45

Grooming-Advance: 9:30-10:30 Limit per class 30 youth

Market Bird Clinic- Advance: 9:30- 10:30

Grooming Beginner: 10:45- 11:45 Limit per class 30 youth

CGC Testing: Ongoing--- there will be an extra 5.00 for this testing.

Closing: 11:45-12:00



MICHIGAN STATE  
UNIVERSITY | Extension



Dogs: **Showmanship**- Learn new ways to move up in the show ring. The leaders of this session will work with you and your dog giving you suggestions on how to better present your dog.

CGC Testing- You will be able to have you and your dog complete the CGC testing.

Grooming- Learn up to date techniques on how to best groom your dog. The session leader will work with you so you will be able to do your own grooming.

Poultry: **Showmanship**- We will be having Makala Gerwig from Newaygo County teach showmanship basics to the younger youth, and more extensive showmanship pointers to the experienced showman. This will be a great opportunity to learn what all is involved in showing poultry and brush up on your skills.

**Market Bird Clinic:** Our speaker for this portion of the workshop is Zac Williams M.S.U. Poultry Extension. He will be covering all you need to know to have a successful market project including feed, housing and care of your birds. We will also be discussing:

- Care and handling
- Feed and housing of exhibition birds
- Laying hens
- How to choose a good bird

If you have questions for our presenters please write them down and bring them with you to the workshop. Contact Mary Newman with any questions at [newman65@msu.edu](mailto:newman65@msu.edu)

MSU Extension programs and materials are open to all without regard to race, color, national origin, gender, gender identity, religion, age, height, weight, disability, political beliefs, sexual orientation, marital status, family status, or veteran status.

# STATE 4-H DOG SHOW

## Classes:

- » Leader Dog/ Service Dog Puppy
- » Junior Showmanship
- » Obedience
- » Rally
- » Agility
- » Brace Class
- » Team Class
- » FREE Educational Poster & Photography Contest
- » Cloverbud Classes

## Cost:

\$6 per dog registered

\$10 per class

## Age Requirements:

All exhibitors must be aged 8 to 19 as of January 1, 2019.

Want to become a 4-H member? Contact your county MSU Extension Office today!

## Registration

Registration online at <https://events.anr.msu.edu/2019dogshow/>

Online registration closes on July 22, 2019. Proof of vaccination must be emailed to [state4hdogshow@gmail.com](mailto:state4hdogshow@gmail.com) by August 1, 2019.

## Find out more...

For more information contact your county MSU Extension office or call Katie Ockert at (517) 432-5270. Accommodations for persons with disabilities may be requested on your registration form.

**MICHIGAN STATE**  
UNIVERSITY

**Extension**





**August 10, 2019**

**MSU Pavilion,  
East Lansing, MI**

**The Michigan 4-H Dog Show is sponsored by Michigan 4-H Youth Development Programs, Michigan State University Extension.**

MSU is an affirmative-action, equal-opportunity employer. Michigan State University Extension programs and materials are open to all without regard to race, color, national origin, gender, gender identity, religion, age, height, weight, disability, political beliefs, sexual orientation, marital status, family status or veteran status.

</> 4-H  **SPARTAN**

 **CODING**

**CAMP** </>

Explore the exciting field of computer coding at MSU Extension's newest premier pre-college program! Whether you have prior computer coding knowledge, or have never even thought about it, you will gain valuable coding skills at this fun STEM summer camp.

4-H Spartan Coding Camp campers will stay in a campus dorm and experience campus life, enjoying experiences such as:

- **Developing** your own tech ideas; **designing** and **coding** an application from scratch; and attracting users to **your product!**
- **Learning** the fundamentals of **launching** a product.
- **Discovering** the essentials of **web design** and **development.**
- **Practicing** coding skills in **HTML, CSS, JS, Ruby, Rails** and **Github.**
- **Enhancing** your passion for **technology** and growing **real-world skills.**
- **Touring** MSU campus, Dairy Store and more!

After the camp is over, you will continue to learn and practice at your own pace with nearly 60 hours of self-paced online lessons that allow you to further hone your coding skills.

4-H Spartan Coding Camp is offered in collaboration with CodeNow.

**July 7-11,  
2019**

**Michigan State  
University  
East Lansing,  
Michigan**

**APPLY!**

Youth aged 13 to 19 can go to <https://www.canr.msu.edu/4-h-spartan-coding-camp/> to learn more and apply. Space is limited! Register and pay online by June 17.

Questions? Contact Christine Miller at MSU Extension at 517-552-6905 or email [johns832@msu.edu](mailto:johns832@msu.edu).

**COST:**

The cost to attend this five-day camp is **\$995** for **residential campers** and includes lodging, meals, materials and post-camp support.

Commuter students may attend for **\$845** and includes some meals, materials and post-camp support.

Current Michigan 4-H members receive a \$20 discount.

**MICHIGAN STATE**  
**UNIVERSITY** | **Extension**

MSU is an affirmative-action, equal-opportunity employer, committed to achieving excellence through a diverse workforce and inclusive culture that encourages all people to reach their full potential. Michigan State University Extension programs and materials are open to all without regard to race, color, national origin, gender, gender identity, religion, age, height, weight, disability, political beliefs, sexual orientation, marital status, family status or veteran status. Issued in furtherance of MSU Extension work, acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture. Jeffrey W. Dwyer, Director, MSU Extension, East Lansing, MI 48824. This information is for educational purposes only. Reference to commercial products or trade names does not imply endorsement by MSU Extension or bias against those not mentioned.



# New Advanced

## 2019 Michigan 4-H Renewable Energy Camp July 29 – Aug 2, 2019, at Michigan State University Campus and Beyond! *Applications are due May 29, 2019*

The **New Advanced 4-H Renewable Energy Camp** is a five-day pre-college program held at Michigan State University (MSU) that explores ideas, research and opportunities around renewable energy. In **2019** youth will work with Extension Educators at MSU while engaging in a variety of experiences and explorations focused on **solar energy**.

### Experiences may include:

- Tri-County Electrical Coop.
- MSU solar research sites
- Harvest Energy Solutions Solar Project
- Grand Valley Farm – solar thermal energy
- Dunklee Family Farm

### Explorations:

- How solar radiation is converted to direct current and utilized by a load.
- How to minimize electricity use and understand an electric bill.
- Design and develop a solar array model that will power their home
- Design challenge – modify their home array to meet the expanded needs of a farm, small business, or electric vehicle charging station

Youth will visit labs that are conducting cutting edge renewable energy research, renewable energy companies that think outside the box, and farms that are using renewable energy to remain profitable. This interactive camp will engage youth in experiments, questions and conversation focused on the application of solar radiation into electricity. Camp will culminate with teams of youth designing solutions for incorporating solar energy into real-life applications

### Cost:

4-H youth \$275 other youth \$295; the registration fee includes all meals, lodging and materials.

### Who Should Attend:

Youth, 13 to 15 years of age (as of Jan. 1, 2019) with basic knowledge of electricity and who are interested in exploring the application, research and opportunities in the field of solar energy.

### Where and When:

Camp begins with check-in on Monday, July 29, 2019, from noon to 1 p.m. and ends on Friday, August 2, 2019 at 12:30 p.m. Lodging is at Shaw Hall on the campus of Michigan State University. The camp will take place both on and off campus

### Registration Deadlines:

- Application process is online. Applications must be received by May 29, 2019.
- Youth will be notified of acceptance by May 31, 2019.
- Payment is due by June 7, 2019.

### Apply for Camp at

<https://events.anr.msu.edu/4Hrenewableenergycamp19/>.

### Cancellation Policy:

Once the selection process has been completed, the cancellation policy for all participants is as follows:

- No refunds will be given after July 3, 2019.

### Selection Process:

Space is limited to up to 18 youth and 2-3 adult chaperones. Selection is based on:

- Responses to short-answer questions
- Fully completed applications
- Regional representation of the state

Questions contact Beth Wood at woodbet1@msu.edu or 989-724-6478.