



2025 Hamilton County 4-H Trip Application



Please read through the following trip opportunities and indicate those you are interested in attending by checking the appropriate boxes. Please make sure that you are eligible and available to participate in the events. The Hamilton County 4-H Council awards full registration funds to selected 4-H members. **Unless otherwise noted:** (1) Members must be in grades 9-12; (2) Members are responsible for their own transportation; (3) Many trips are limited in the number of participants, so please turn your forms in on time so we can get you registered! (4) Must turn in your "My Record of Achievement" with this form.

Return completed application to the Extension Office by: **March 3, 2025**
Purdue Extension Hamilton County, 2003 Pleasant St., Noblesville IN 46060
or email to bohde@purdue.edu

Name: _____ Current Grade: _____ Birth Date: _____

Address: _____ Years in 4-H: _____
Street City, State, Zip

Phone: _____ Email: _____ T-Shirt Size: _____

Do you require auxiliary aids and services due to a disability? Yes No
Do you have special dietary needs? Yes No

I am interested in attending these trips. I understand that if I register to attend and do not attend, I am responsible for finding a replacement, or reimbursing the Hamilton County 4-H Council for the full price of the trip, (ranges from \$125 to \$1550).

4-H member's Signature: _____

Date: _____

I agree to allow my child to attend these trips.

Parent/Guardian Signature: _____

Date: _____

Trip Opportunities (You may check more than one trip. Rank your interest.)

☐ **4-H Roundup** - June 23-25 at Purdue University (grades 7 – 9)

Explore a variety of careers by attending classes created for these grades and get a taste of college life by living in a residence hall for two nights. Youth will meet others from across the state. bit.ly/in4hroundup

☐ **4-H Academy** - June 11-13 at Purdue University (please select only one of the 4-H Academy options): bit.ly/in4hacademy

___ **Ag and Biological Engineering:** Explore Agricultural and Biological Engineering, where cutting-edge science, technology, and engineering come together to solve real-world agricultural challenges, through designing and building an autonomous mini tractor.

___ **Animal Science:** ___ Animal Health ___ Veterinary Science

___ **4-H Civic Engagement: Community Change Starts with Me!** Workshop provides students with a chance to better understand their local, county, and state government officials' roles and responsibilities. Students will identify a topic of local interest, research the topic, and prepare a proposal to present to a panel of government officials. Students will also learn about cultural diversity, international relations and related opportunities.

___ **Creative Arts: Create your career:** Explore career pathways within Creative Arts to work as a group to complete the design of a "new" state of the art, university dormitory that will be the highlight of student life. Groups will learn to design and shape the dormitory through interior/structural design, fine arts, digital/graphic arts, and landscape art.

___ **Digital Agriculture:** Explore how digital technologies and data sciences are being leveraged to make agriculture more efficient, productive, and sustainable through the Digital Agriculture workshop. Learn more about the applications of robotics, sensors, and programming in agriculture through hands-on activities and tours.

___ **Food Science/Nutrition Science:** Learn how corn is processed to make cheese puffs, why juice in juice boxes does not spoil, how low-calorie food is made and how the look of food affects your taste perception.

_____ **Forensic Science: Food Fraud:** The Food Fraud module will help you learn about data, evidence, and scientific reasoning so you will be ready to work in the entomology and wildlife forensic labs on campus during 4-H Academy. **Wildlife Forensics:** During this module, students will learn about the field of wildlife forensics including a brief introduction of the discipline and examples of different types of crime against wildlife. Hands-on activities will include labs on how to collect evidence (hairs, prints) and use it to solve crimes. **Forensic Entomology:** Insects in Investigations: In this workshop, students will learn about the application of insect evidence in criminal investigations. The workshop will have a mixture of lecture, hands-on insect collection, experimental design and data collection to discuss insect behavior and development, and the use of insect evidence in investigations. Note: Some online prework is required for this course!!

_____ **Intro to Emergency Medical Services (EMS):** Students become CPR certified and learn through hands-on activities: scene size up, patient assessment, rescue techniques, scene preservation, radio procedures and tours of fire stations, emergency helicopters and Mobile Simulation Ambulances.

_____ **Natural Resources:** Learn about fisheries, forestry and wildlife science through hands-on activities like wildlife radio telemetry, darting, aquatic sampling, mist-netting and more.

_____ **Plant Science:** Calling all plant whisperers and yard-design dreamers! Dig into this workshop, where science meets creativity and dirt turns into epic adventures. Unleash your inner green thumb with seed-sational experiments, floral arranging feats, friendly turf wars, and design challenges that will make your garden the envy of the block!

_____ **Show Me the Money:** Learn the essentials of financial management from the best network of financial professionals in the state. Experience a full day of Where Does Your Money Go® adventures at vendor locations in Lafayette. Come away with new tools to make your financial goals become a reality!

_____ **The Science of Flight:** The Science of Flight Workshop will help youth learn more about aviation and the science and opportunities that surround it. During the workshop, they will build model rockets and planes, explore aviation facilities, and study aerodynamics to learn about the principles of flight as well as be exposed to career opportunities in aviation and aerospace.

_____ **Unlock the Future with Artificial Intelligence:** Dive into the fascinating world of AI in this hands-on class. Learn how to build smart machines, explore ethical challenges, and discover how AI is transforming our world.

_____ **Weather, Climate, and Disaster Readiness:** Explore weather and climate science and disaster preparedness by analyzing weather patterns, creating disaster response plans, and learning how scientists track extreme weather events. Discover how emerging technologies are revolutionizing weather prediction and disaster response and recovery efforts. Build skills that could launch you into a rewarding career in meteorology or emergency management.

☐ **State 4-H Band – June 21-23 at Purdue University:** Members will attend an intensive workshop and perform at 4-H Youth Round Up and the Indiana State Fair. Special application forms must be completed by the 4-H member and his/her school band director. Final selections will be made by the State 4-H Band Director. bit.ly/inband4h

☐ **State 4-H Chorus – June 21-24 at Purdue University:** Members will attend an intensive workshop and perform at 4-H Youth Round Up and the Indiana State Fair. Special application forms must be completed by the 4-H member and his/her school choir director. bit.ly/in4hchorus

☐ **National Dairy Conference – September 28-October 2** Applicants must write a **brief story** about his/her dairy operations, management practices, and learning experiences and include a completed copy of "My Record of 4-H Achievement" form. If selected, delegates must provide transportation to West Lafayette to meet up with charter bus. purdue.ag/National4HDairy

☐ **National 4-H Youth Congress – November 28- December 2, 2025:** One of the premiere experiences for 4-H members across the country; Provides a life-changing experience for youth to meet other 4-H members from across America, as they participate in educational workshops focusing on diversity, cultural experiences, leadership, team development, and of course having fun! Nine (9) Indiana 4-H members will be selected to attend, an additional application is required (Due May 1), and is available from the Extension Office. purdue.ag/National4HCongress

List projects you are taking this year:

List trips you have attended and when:

Briefly explain why you would like to attend this workshop(s).

Reminder: Turn into Extension Office by March 3

- * Complete all items on this form**
- * Turn in your white achievement card with this form**