

ADDITIONAL 4-H ACTIVITIES

(Workshops & Trips)

4-H Round-Up - for students grades 7-8 – Round-Up is a three-day educational experience designed to give members an opportunity to experience specific interest areas, develop leadership abilities and individual growth and learn about educational opportunities of college life.

4-H Camp – for students grades 3-6 – Held the first week of June at Camp Tecumseh it is a three day, two night adventure. Campers will explore nature, make crafts, canoe, swim and make life-long friends. Tippecanoe camps with 8 other counties. Cost is \$100, but scholarships are available. Applications are released on April 1 and slots are limited. Slots are filled on a first come basis.

Workshops – We have sponsors for at least one participant for each workshop.

Aerospace Science Workshop– for students grades 9-12 - Build model rockets and planes, take a ride in a small airplane, and talk to an astronaut by phone as you learn about the principles of flight and career opportunities.

Ambassador Workshop – for students grades 9-12 - Learn to be a spokesperson for your local 4-H Youth Program through news writing, public presentations and radio. A special track will be available for youth interested in promoting 4-H Shooting Sports.

Animal Science Workshops - for students grades 9-12 - Join us for hands-on learning experiences dealing with the science of aquaculture, beef, dairy cows, goats, horses, poultry, rabbits, sheep, swine, Veterinary Science, and other animal species. Visit with Purdue University faculty about educational and career opportunities.

Engineering Science Workshop- for students grades 9-12 - Investigate Agricultural & Biological Engineering, Civil Engineering, and Electrical Engineering. Your team will design, build, and compete with other teams in a mousetrap-powered vehicle race. Tour the engine plant of Caterpillar, Inc. and spend time with Purdue faculty.

Food Science and Nutrition Workshop- for students grades 9-12 - Work with Purdue faculty in their laboratories to find out how corn is processed to make cheese puffs, why juice in juice boxes doesn't spoil, how low-calorie food is made and other mysteries of the food world.

Plant Science Workshop – for students grades 9-12 - Participants will engage in classroom, lab, and outdoor fun- all while interacting with and learning from world class horticultural, agronomical, and forestry professionals at Purdue University. Hands-on activities include topics such as plant propagation methods, grafting, flower arranging, fruit/vegetable/ornamental crops, forestry, soil science, and genetics.

Computer Science Workshop – for students grades 9-12 - Choose one of two tracks: FLASH: Add action to your homepage or 3-D Modeling: Turn flat, boring graphics into 3-D images that appear to jump off the screen.

Entomology Workshop - for students grades 9-12 - Learn all about insects from Purdue Entomologists in the classroom, the laboratory and in the field.

Mission to Mars - for students grades 9-12 - A new workshop to introduce students to the complex issues of traveling to and living on Mars. Hands-on activities are based on current research being done at the NASA. Students will learn about plant growth, ecosystems, recycling, food production, and Mars habitats. For example, students will participate in activities to learn how to clean grey water or to investigate how much 'stuff' you will really be able to carry on your trip to Mars.

Electric Workshop - for students enrolled in Division III or above of the 4-H Electric program – Participants will have the opportunity to wire switches and receptacles or an entire 4-way circuit using a computerized wiring program, wire switches and receptacles both 2 and 3 way, design and build an electronic noise maker using scrap materials, build an electronic "Decision Maker" and learn how to use various meters to measure electrical current, voltage and resistance.

State Junior Leader Conference – must be a Junior Leader – This program focuses on developing leadership, understanding group dynamics and awareness of self and others. It is carried out with the guidance of Junior Leader Council members elected at each conference to conduct the next year's program.

State Fair Youth Leadership School – for students grades 10-12 – Held during the Indiana State Fair this conference provides leadership experiences through a mock legislative session, leadership activities and other events. The program offers leadership training in group dynamics and self-government, shared leadership and cooperation.

Citizenship Washington Focus – must be at least 15 years old – This is an exciting experience for 4-H members to go to the nation's capital and learn more about the meaning of citizenship. The trip to Washington D.C. will be made by Purdue charter bus. Each delegate will take part in workshops on issues and topics such as international affairs, human relations, government, ecology, family life, community development, creative expression, economics, agricultural policy and many more.

IN 4-H Congress – must be a Junior Leader – This is a one day leadership opportunity that is hands-on and has participants from the entire state involved.

State 4-H Band – for students 9-12 grade – Delegates are chosen from applications that are completed by the 4-H member and their band director. Those selected will attend an intensive workshop and perform during 4-H Round-Up. Applications are due to the State 4-H Office by April 15. Partial scholarships are available.

State 4-H Chorus – for students 9-12 grade – Delegates are chosen from applications which are due to the State 4-H Office by April 15. Those selected will attend an intensive workshop and perform during 4-H Round-Up and at the Indiana State Fair. Partial scholarships are available.