



# Indiana 4-H Round-Up June 26-28 2023



Extension - 4-H Youth  
Development



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# WELCOME !



## ***2023 Indiana 4-H Youth Round-Up Sponsors***

Welcome to the 103rd State 4-H Youth Round-Up. It's going to be three days of fun and learning with activities focusing on discovering and being yourself. The conference will help you learn about career and educational opportunities, develop leadership abilities and stimulate individual growth.

State 4-H Youth Round-Up is a great place to develop valuable skills, make new friends, see top-notch 4-H entertainers and much, much more. You'll live and learn in Purdue University Residence Halls and classrooms and enjoy a wide array of opportunities across campus.

You can choose from a wide range of action-packed Career Exploration Day classes offered by various schools of study at Purdue and from different organizations within the community. Choose from your favorite interest areas! Read the following pages to get all the details on the three exciting days of 4-H Youth Round-Up.

Instructions for registering for specific classes are on page 19. Registration is to be completed through 4-H Online **by June 1**. Contact your county Purdue Extension office indicating interest in participating so they can provide 4-H Online registration instructions.

# IMPORTANT INFORMATION

## WHY ATTEND 4-H YOUTH ROUND-UP?

One of the main reasons for attending 4-H Youth Round-Up is to have fun! But keep in mind that other objectives for Round-Up are to:

- learn new ideas and techniques;
- experience in-depth "action learning" in specific interest areas;
- develop leadership abilities and stimulate individual growth;
- have enjoyable experiences by participating in leisure activities and meeting new people.

## WHO SHOULD ATTEND?

Every county has its own procedures for selecting delegates to attend 4-H Round-Up. To attend the event, you must meet the following criteria:

- completed 7th, 8th or 9th grade
- be willing to share new ideas with 4-H club members back home;
- gain the most from the experiences of each day;
- provide leadership when needed.

## COST

A \$200 registration fee for each participant includes air conditioned housing, two morning breakfasts, Tuesday's dinner, a T-shirt, Keynote speaker, and other program activities during the conference. Each county handles this cost differently. Your county may request that you share the cost or make a deposit to hold your reservation. Please refer to the cover letter or call your County Extension Office for details. You will need money for 3-4 meals (food available at Purdue establishments and local fast-food restaurants) and for souvenirs at local stores. The two morning breakfasts will be available in Earhart Dining Hall (included in registration fee).

## HOUSING

Delegates will be housed in  
**McCutcheon Hall.**

Check-in: Monday, June 26  
12:30-2:30 p.m. at  
McCutcheon Hall  
Check-out: Wednesday, June 28  
11:30 a.m. at McCutcheon  
Hall

The residence hall will provide you with a blanket, pillow, pillowcase, sheets, one bath towel and washcloth. You must bring soap and

personal toiletries.

## WHAT SHOULD YOU BRING?

You will be expected to wear appropriate attire during Round-Up: school wear for all general sessions. Spaghetti-strap, tube or halter tops, bare midriffs and torn clothing are **not acceptable**. Pants/shorts belong at the waistline. Be sure to wear comfortable shoes, since there's plenty of walking involved!

Pack your suitcases as compactly as possible. Some items you should bring are:

- soap
- toiletries
- camera
- umbrella/raincoat  
(Round-Up goes on rain or shine!)
- tennis shoes
- alarm clock
- items for Ronald McDonald House

***Leave all valuables at home!***

Spending money will be needed for three to four meals (depending on travel distance) at fast food or Purdue food establishments and vending machines located in residence halls. If you lose any personal items, you can check with the front desk at the residence hall.

## EMERGENCIES

In the event of an emergency while you are attending Round-Up, you can be contacted through the State 4-H Office (765) 494-8422 from 8:00 a.m. to 5:00 p.m. or by calling the Purdue University police at (765) 494-8221.

Medical facilities are available for those who require medical attention. While the family's medical insurance is primary, Indiana 4-H does secure a limited secondary accident/injury policy meant to help cover out-of-pocket expenses.

A 4-H health form must be completed electronically as part of the registration process. The registration and health form must be completed by June 1.

## BEHAVIORAL EXPECTATIONS

Anyone participating in a state-sponsored 4-H activity, youth and adults, who is caught in the act of theft or vandalism, or caught with tobacco or tobacco-like products, illegal drugs or alcohol, or who has a guest of the opposite gender in their sleeping quarters, or who participates in other inappropriate activities will immediately be sent home at his/her own expense. Parents will be called to arrange transportation. If it is determined by 4-H staff, leaders or persons in charge of the activity that the offense warrants it, the offenders will be turned over to the proper authorities. Specific behavioral expectations will be distributed to each delegate.

# COMMUNITY SERVICE ACTIVITY AT ROUND-UP 2023



## "SNACK ATTACK!"

The Gift of Your ❤️ Makes  
***"The House that Love Built"***  
Possible

**WHO:** All Round-Up Participants-Adults & Youth!

**WHEN:** Monday, June 26th-12:30-2:30, Registration

**WHAT:** Suggested donations for "snack attack" include: chips, crackers with cheese/peanut butter, candy bars, gum or mints, trail mix, Little Debbie Snack Cakes, juice boxes, granola bars, cereal bars, cookies, nuts, snack mix, pretzels, fruit cups, Pop Tarts, bottled water, fruit snacks, small boxes of raisins, individual cereal boxes, and pudding cups.

"The gift of your ❤️" may also be a cash donation for the Ronald McDonald House.

When we receive \$500 in donations,

Indiana 4-H Round-Up will have a permanent **RED** heart on the "Heart Wall"  
inside the Ronald McDonald House in Indianapolis.



The Ronald McDonald House of Indiana opened its doors in 1982 to provide a comfortable, caring and affordable place that a family can call home while a child is being treated at an Indianapolis-area hospital. The Ronald McDonald House of Indiana has reached more than 30,000 families from all 92 Indiana counties, 16 states and 4 foreign countries.

# 2023 4-H YOUTH ROUND-UP, JUNE 26-28

## TENTATIVE SCHEDULE

### MONDAY, JUNE 26

12:30-2:30 p.m. Registration & Check-in  
McCutcheon Hall  
Community Service collection on  
lawn of McCutcheon Hall

3:00 p.m. Delegates walk to  
Loeb Playhouse, Stewart Center

3:30 - 5:00 p.m. **OPENING SESSION**  
Loeb Playhouse, Stewart Center  
**Welcome:**  
**Introductions & Orientation**  
Keynote Speaker - Patty  
Hendrickson  
"Own It! Grow It! Be It! -Become Your  
Best"

5:00-6:00 p.m. Dinner on your own in  
Chauncey Village with county and/or  
area delegation

6:30-7:45 p.m. **General Session #1**  
**4-H Band, Chorus, &**  
**Performing Arts**  
Loeb Playhouse, Stewart Center

8:00 - 9:30 p.m. **Get Acquainted Mixers**  
Purdue Memorial Union Ballrooms

8:00-9:00 p.m. Chaperone meeting  
Purdue Memorial Union West Faculty  
Lounge

9:30 p.m. Return to residence hall

10:15 p.m. Floor meetings  
near elevator on each floor

11:00 p.m. **Lights out! Quiet!**

### TUESDAY, JUNE 27

7:00 - 8:00 a.m. Breakfast -Wiley dining  
court

8:10 a.m. Depart from area signs

8:30 a.m. **Career Exploration Day**  
**class gathering**  
Purdue Memorial Union Ballrooms

9:00 a.m. **Career Exploration Day**  
**class - Session #1** (60 min)  
Purdue Memorial Union Ballrooms

10:30 a.m. **Career Exploration Day**  
**class gathering**  
Purdue Memorial Union Ballrooms

11:00 a.m. **Career Exploration Day**  
**class - Session #2** (60 min)  
Purdue Memorial Union Ballrooms

12:15 p.m. Lunch on your own. Meet with  
County Chaperone in PMU for lunch  
instructions

1:30 p.m. **Career Exploration Day**  
**class gathering**  
Purdue Memorial Union Ballrooms

2:00 p.m. **Career Exploration Day**  
**class - Session #3**  
(60 min)  
Purdue Memorial Union Ballrooms

3:15-4:45 p.m. Supervised free time at  
with delegation chaperone

5:00-6:00 p.m. Dinner  
Wiley Dining Court

6:10 p.m. Depart from area signs to Loeb  
Playhouse, Stewart Center

6:30 - 8:00 p.m. **General Session #2**  
**4-H Clovers**  
**& Company and**  
**Performing Arts**  
Loeb Playhouse, Stewart Center

8:00 - 10:00 p.m. **Recreational**  
**Activities**  
Co-rec

10:00 p.m. Return to Residence Hall

10:15 p.m. Floor meetings near  
elevator

11:00 p.m. **Lights out! Quiet!**

### WEDNESDAY, JUNE 28

7:00-8:00 a.m. Breakfast -Wiley dining  
court

8:10 a.m. Depart from area signs

8:30-9:45 a.m. Speed Meeting  
PMU Ballrooms

10:00-11:00 a.m. **CLOSING SESSION**  
**Patty Hendrickson**, closing  
speaker  
**Performing Arts**  
Loeb Playhouse, Stewart Center

11:30 a.m. Check-out of McCutchen Hall  
Have a safe trip home!

\*All times: Eastern Daylight Savings Time  
(Purdue Time)

**Schedule subject  
to change.**

**REMEMBER:**  
**Name tags and**  
**Wristbands are required**  
**for admission to all**  
**Round-Up events.**

# EVENTS AND OPPORTUNITIES FOR YOU:

## GET ACQUAINTED MIXERS

Monday Night - 8:00 p.m.  
Purdue Memorial Union Ballrooms

Get ready to meet other delegates and have fun! A get acquainted mixer will help you get to know delegates next door in the residence

hall, from another county, and from all across the state.

## CAREER EXPLORATION DAY

Tuesday is devoted to exploring possible career choices offered through Purdue's schools of study. You will attend three classes that are assigned from the preferences you list on your registration form. Read through the class options and list up to nine classes that you would like to explore.

## COMMUNITY SERVICE PROJECT

For the tenth year in a row, Round-Up attendees will participate in a community service project to benefit the Ronald McDonald House of Indiana. This year's theme, "SNACK ATTACK!", will help stock Ronald McDonald House's pantry. These items will be used to help provide a comfortable, caring and affordable place that a family can call home while a child is being treated at an Indianapolis area hospital.

## DANCE!

Tuesday Night - 8:00 p.m.  
Co-Rec



## MOVIE

Tuesday Night -8:00 p.m.  
Co-Rec

## Recreational Activity

Tuesday Night -8:00 p.m.  
Co-Rec

## STATE 4-H BAND

6:30 p.m. - Monday

On Monday evening you'll get a chance to hear the 2022 State 4-H Band. Indiana is the only state that has a State 4-H Band. The band, under the direction of Associate Professor Matthew Conaway, will perform a variety of musical pieces.

## 4-H PERFORMING ARTS

4-H members from all over the state will be performing at general sessions throughout Round-Up. Acts will include musical numbers such as bands, singing, lip sync, dance routines, special talents like magic, juggling, mime, and skits performed by individuals and groups.

## STATE 4-H CHORUS

6:30 p.m. - Monday

Singing at the second general session will be the 2023 State 4-H Chorus. They'll perform a number of popular and patriotic songs. Megan Farris, will be the director of the State 4-H Chorus.



# GENERAL SESSION ATTRACTIONS

OPENING SESSION - MONDAY, 3:30 PM

Loeb Playhouse, Stewart Center

## Patty Hendrickson



Leadership Speaker, Patty Hendrickson gets her audiences interacting from start to finish. With inspirational stories and purposeful audience interaction Patty engages audiences to both hear and feel the relevant content. She knows her clientele because over 90% of them are repeat and referral. Since 1987 she has shared her enthusiastic message with more than a million people.

Patty has a Masters of Business Administration; is a seasoned association leader; is a Past President of the National Speakers Association – Wisconsin Chapter; and is the author of many leadership resources including the inspirational book, now in its fifth printing, called *Who I Am Depends on Me!*

Patty has earned the prestigious designation of Certified Speaking Professional given to less than 800 people in the World.

Those are the stuffy credentials. Her many titles include — entrepreneur, wife, mother, leader, advisor, mentor, philanthropist and master juggler-of-all-things. Most importantly, she loves to hang out with her son Max & daughter Amelia, cheer for the Green Bay Packers, and eat cookie dough.

## WEDNESDAY JUNE 28 - 8:30 AM - 9:45 AM

### Speed Meeting

Speed meeting is a fun way to get acquainted with others and begin making new friendships. During this time participants will be asked a variety of questions and will share answers with their partner. Delegates will change partners every few minutes.



# CAREER EXPLORATION DAY CLASSES

On the following pages are descriptions of all the career exploration classes that will be offered on Tuesday of Round-Up. Classes are grouped under the College that is offering them.

## Instructions:

1. Read all class descriptions and mark what seems interesting to you.
2. Fill out class registration form through 4H Online
3. Instructions for filling out the form are on page 19

## AGRICULTURE

### Some Possible Careers or Areas of Study:

Agribusiness manager	Fisheries scientist	Land use planner	Radio/television broadcaster
Agricultural economist	Florist/greenhouse manager	Lawn & garden center manager	Range manager
Agricultural engineer	Food broker	Lawn & garden writer	Remote sensing scientist
Agronomist	Food editor	Lawyer - agricultural/environmental	Reproductive physiologist
Animal nutritionist	Food inspector	Livestock buyer	Research director
Animal physiologist	Food plant manager	Loan officer	Research technician
Animal/plant inspector	Food processing engineer	Logging engineer	Rural development specialist
Aquaculturist	Food scientist/technologist	Machinery & equipment dealer	Sales representative
Arborist	Forester	Marine scientist	Science writer
Biochemist	Forest products engineer	Marketing manager	Soil conservationist
Botanist	Fruit & vegetable grower	Microbiologist	Soil scientist
Business/financial manager	Geneticist	Molecular biologist	Statistician
Climatologist	Golf course superintendent	Naturalist	Teacher
College professor	Government administrator	Nematologist	Technical service representative
Commodity broker	Grain elevator manager	Nursery manager	Toxicologist
Communication specialist	Grain merchandiser	Nutritionist	Turf specialist
Computer Info system manager	Herd manager	Paper chemist	Urban forester
Consultant	Horticulturist	Parasitologist	Veterinarian
Credit analyst	Human resources manager	Park manager	Virologist
Entomologist	Hydrologist	Pest control specialist	Water scientist
Environmental law officer	International trade analyst	Phytopathologist	Weed scientist
Environmental scientist	Irrigation engineer	Plant physiologist	Wildlife biologist
Extension educator/specialist	Landscape architect	Plant pathologist	Wood scientist
Farmer/rancher	Landscape contractor	Public relations specialist	Zoologist
Farm manager	Landscape manager	Quality assurance director	

### 237. Agriculuture Education

A hands on introduction to advocating and educating about agriculture. What agriculture is, careers that are available, and how we can find connections to our food fiber and fuel in everyday life. Students will see how many jobs are involved in bringing something as small as a dum dum sucker from field to home.

### 338. Picture Yourself in Agricultural Communication

Picture Yourself in Agricultural Communication: Have you ever pictured yourself in an Agricultural Communication career? You should if you'd like to write, take pictures and use computer technology to tell interesting stories about food, agriculture and people. Roll up your sleeves and try your hand at Agricultural Communication in this hands-on session! We'll meet in a computer lab where we'll show and teach you about this exciting field. Not great with computers? Come anyway! Be sure to bring your questions and creativity and be ready to learn!

### 405. Inside out Plants

Come and learn about the cool things plants can do- and how you can be a plant scientist. We will explore some basic plant processes, and check out some plants in the garden, and even pull out the microscopes!

### 422. Careers in Animal Sciences - Many and Diverse!

Learn about the many and diverse careers in Animal Sciences. If you love animals and 4H and want to learn how you can use your strengths in an animal related career, this class is for you! From veterinarians to animal production, from biosciences to animal well-being - we will explore them all!

## **. . . .CONTINUED AGRICULTURE class offerings. . .**

### **636. Become an Insect Scientist**

In this session prospective entomologists will be exposed to the discipline of insect biology. We'll explore in an interactive way various careers available to those who study these fascinating little animals. Come prepared to meet some bugs and have fun.

### **702. What's that growing on my spinach? - Fresh Food Safety**

This class will talk about fresh produce food safety work in the Department of Food Science at Purdue University. In addition, students will get to taste fresh spinach to see all of the different microorganisms that grow on fresh spinach.

### **709. Exploring The Outdoors- Careers in Wildlife, Fisheries, and Natural Resources**

Do you enjoy spending time outdoors or exploring nature? Join Forestry and Natural Resources staff to learn how you can turn your interest in the outdoors into a career. We will cover fish and wildlife identification and how biologists work to conserve wildlife and wild places.

### **724. Agriculture Drones: Know the Facts for Unlimited Fun**

Learn a few facts before flying unmanned aerial system (UAS) also popularly known as drones and their applications in agriculture. The class usually includes a demo of UAS flight and provides an opportunity to fly a small UAS in an indoor setting for fun.

### **729. Drone tech today**

a presentation on commercial drone uses and challenges will be followed by an opportunity for every participant to fly a drone through an obstacle course.

### **730. Luminescent Squid and Biotechnology**

Students will learn how the bioluminescent bacteria which makes squid glow in the dark has been used in biotechnology. Participants will learn how to genetically engineer microbes used in disinfectant evaluation so they produce a light by a hands on experience testing them against various disinfectants.

### **731. Know Agronomy- Know Soils, Water, Plants, Genetics, It touches all of Our Lives!**

Have fun LEARNING about soil, water, plants, genetics, climate, our world, science, and math by DOING hands-on demonstrations and experiments in soil, water, plants, genetics, climate, our world, science, and math.

### **732. Exploring the Bright Future in Agriculture**

Get insights from local cooperative Ceres Solutions on the technology and future of ag and the opportunities for you.

### **735. Precision Technology- Growing the Future of Agriculture**

Technology is ever changing and evolving, especially in the agricultural industry. Learn hands-on what it is like to work with agricultural equipment and the technology that helps farming operations continue to feed the world. Not only will you learn about the precision technology, but you will see how sales, parts and services play a part in the success of our farming customers at Bane-Welker Equipment.



## EDUCATION

### Some Possible Careers or Areas of Study:

#### Classroom teachers

Primary  
Elementary

Secondary  
Director of Gifted and Talented

Special Education  
Principal

Administration

## ENGINEERING

### Some Possible Careers or Areas of Study:

#### Chemical Engineering

Biochemical  
Plant manager  
Pollution control  
Polymer  
Process

#### Industrial Engineering

Human factors  
Manufacturing system  
Plant engineer  
Production  
Quality control

#### Aeronautics Engineering

#### Ag & Biological Engineering

#### Construction Engineering

#### Electrical Engineering

#### Materials Engineering

#### Mechanical Engineering

#### Civil Engineering

Construction  
Environmental  
Geotechnical  
Structural  
Surveyor

#### Nuclear Engineering

Nuclear navy officer  
Power plant designer  
Radiation control  
Reactor supervisor

### 318. Civil Engineering - Temperature and Thermal Energy

Civil Engineers design buildings and need to design for sustainability and energy efficiency. In this class, students will understand how energy flows between a system and its surroundings, and the difference between the total thermal energy in a sample and its temperature.

### 601. Smart Cities: What Might the Future Look Like?

This class will introduce students to technology and innovation that impacts the future of our communities and address some questions such as: What might our world look like in 50 years?

### 716. Building Your World.

Have you ever thought about who designs the structures around you- things like buildings, bridges, and roads? That would be civil engineers! Unising imagination and innovation, civil engineers create sustainable designs that we see every day, and now its your turn!

### 717. Engineering 101

Interested in making the world a better place? In this course, students will explore how engineers positively impact and improve the world in which we live. Participants will be introduced to the many diciplines and careers that engineering has to offer and participate in a hands-on activity that focuses on the engineering design process.

### 737. Robots Inspired by Nature

Robotacists often take inspiration from nature to build robots that can move and work in our world. In this session, you'll get a hands-on expirience in designing and testing a soft robot inspired by animals and plants, and will hear about the cutting edge robots being tested in universities around the world.

# HEALTH AND HUMAN SCIENCES

Some Possible Careers or Areas of

Study:

## Human Development & Family Science

Pre-Kindergarten Teacher  
Early Childhood Special Ed Teacher  
Child-Care Teacher/Administrator  
Head Start Teacher  
Special Needs Coordinator  
Family Support Specialist  
Director of Social Service Agencies  
Children's Camp Director  
Children's Author/Editor  
Family Case Manager  
Family and Consumer Sciences Education Teacher

## Nutrition Science

Registered Dietitian  
Nutrition Consultant  
Test Kitchen Director  
Food Editor  
Food Photographer  
Food Scientist  
Nutrition Scientist/Researcher  
Quality Assurance Coordinator  
Pharmaceutical Salesman

## Health & Kinesiology

Athletic Trainer  
Recreation Therapist  
Health Promotion Coordinator  
Personal Trainer  
Wellness Coach  
Fitness Specialist  
Marketing & Health Promotion Coordinator  
Health Teacher  
Physical Education Teacher  
Pre-Physical Therapy  
Pre-Occupational Therapy

Pre-Medicine  
Pre-Dental

## Health Sciences

Radiation Specialist  
Industrial Hygiene Consultant  
Medical Technologist  
Crime Scene Investigator  
Pre-Medicine  
Pre-Dentistry  
Pre-Chiropractic  
Pre-Physician Assistant  
Nuclear Medicine Technologist

## Hospitality & Tourism Management

Food Service Director  
Hotel Manager  
Tourism Director  
Event Planner  
Guest Services Coordinator  
Leisure Travel Consultant  
Food & Beverage Manager  
Sales Manager  
Sales & Marketing Director  
Country Club Manager  
Equipment Salesperson  
Apparel Designer  
CAD Systems Manager  
Fashion Illustrator  
Freelance Designer  
Merchandiser  
Pattern Maker  
Quality Assurance Specialist  
Store Manager  
Human Resource Director  
Buyer  
Visual Merchandiser  
Account Executive  
Outside Salesperson  
Inside Sales Representative

Credit Manager  
Retirement Benefits Specialist  
Financial Advisor  
Loan Officer

## Nursing

Home Health Care Nurse  
Nurse Clinician  
Nurse Manager  
Professor  
Nurse Practitioner  
Hospital Nurse  
Air Force, Army or Navy Nurse  
Flight Nurse  
Industry Nurse  
School Nurse

## Public Health Careers

Worksite Wellness Director  
Outreach Specialist  
Health Education Specialist  
Public Health Management analyst  
Health Communications Specialist  
Chronic Disease Health Educator  
Community Health Workers  
Research Analyst  
Health Informatics Specialist

## Psychology

Counselor/Therapist  
Neuropsychology Technician  
Mental Health Case Coordinator  
Research Associate  
Sales Representative  
Director of Youth Activities  
Social Worker  
Pre-Medicine

Pre-Law

Behavioral Health Technician  
Residential Teacher Counselor  
Human Resource Coordinator

## Speech, Language, Hearing Sciences

Speech Language Pathologist  
Audiologist  
Hospice/respite care provider  
Hospital unit coordinator  
Patient/family advocate  
Rehabilitation aide  
Disability resource center specialist  
Applied behavioral analysis technician  
Case management/care coordinator  
Research coordinator/ research associate  
Vocal Coach  
Client success (account management)

### 108. Early Childhood Observation

High-quality early childhood begins with observations and reflections, seeing how children behave and reflecting on their behaviors help educators help educators best understand their needs and ways to support their learning and growing. In this session spend time in the observation booths making note of the behaviors observed in children six weeks to age five. Content experts will outline the behaviors observed and how observations guide teaching strategies with young children.

### 114. The Warriors Inside Us

Have you ever wondered how your body fights off invaders like viruses once exposed or how your body repairs itself following injury or simply grows new blood vessels to nourish your tissues? If so, then this is the session for you because we will discuss your immune system, the cells that operate within it and the changes to our blood as these warriors travel to defend us during an invader attack.

## **. . . Continued HEALTH & HUMAN SCIENCES**

### **119. Kinesiology in Action**

Explore, learn and apply careers in Kinesiology. Students will learn about common Kinesiology careers, such as, Physical therapy, Athletic training, Clinical Exercise Physiology, and Sports performance. Students will also learn and apply some skills utilized in these professions, such as; performance assessments, health screening tools, and injury interventions.

### **404. Solve the Outbreak: Become a Disease Detective**

Your Mission: It all began with a seemingly innocent birthday party at the Community Swim Club. What is the worst thing that can happen at a 5-year old's birthday party? Sticky fingers? Fights in the bouncy house? usually, but after this party, these things would have been a welcome side-effect. Instead, the side effects included Tiredness, stomach cramps, vomiting and diarrhea. Become a disease detective- review each clue in the investigation and answer questions to correctly solve the outbreak while learning about the field of Public Health.

### **427. Helping People Communicate**

Do you know someone with autism, someone that stutters, someone that has difficulty speaking after a stroke, or someone with a hearing impairment? In this interactive class, students will explore careers in audiology and speech and language pathology as they rotate through stations to learn about tools and techniques used to diagnose and treat individuals with speech, hearing, language, and swallowing disorders.

### **706. Personal Finances and Budgeting**

In this session you will learn how to leverage discipline, time and money to create lasting wealth. We'll talk about practices you can do as a teenager to prepare yourself for long-term financial success. We'll look at an example of a budget, discover ways to invest/save, learn about credit scores, discuss inflation, examine taxes and address some of the most common mindsets people have about money in general.

### **710. Break Out Your Thinking for Family & Consumer Sciences Education**

Bring your best creative and critical thinking to escape a breakout room about Family & Consumer Sciences Education. Learn about a variety of exciting opportunities as a FCS teacher that fit your skills--such as culinary arts, child and human development, textiles, and career preparation. You and your team will solve puzzles, complete tasks, and show off your skills to beat the clock in this fun and informative session.

### **711. Good teaching Isn't Rocket Science- Its Brain Science!**

Teachers have superpowers: they can make an hour seem like a minute or an eternity. Join this session to discover the scientific secret behind fun, engaging lessons and explore the fascinating connections between learning and the brain.

### **715. Dialogic Reading**

Dialogic reading is a reading technique that engages children in the reading process. By utilizing dialogic reading children that cannot read or are just starting to learn how to read are able to develop reading skills as well as other school readiness skills. Participants will learn how to use dialogic reading and will have the opportunity to put what they have learned into practice in this session.

### **728. Making and Plating Pasta**

Students will learn and participate making a variety of pastas by hand, observe cooking techniques and sauce-making, and learn how to plate a delicious bowl of freshly made pasta.

# LIBERAL ARTS

## Some Possible Careers or Areas of Study:

### Communications

Casting director  
Film director  
Studio production  
News editor  
Copywriter  
Sales representative

### History

Researcher  
Director of historical society

### English

Professional writer  
Technical writer  
Publications director  
Archivist  
Sports columnist

### Foreign Languages & Literature

Language teacher  
Interpreter  
International business rep.

Bilingual secretary/law firm  
Coordinator of International Center  
CIA agent

### Philosophy

College professor  
Acquisitions editor/  
Religious press

### Social Science

Caseworker

Social Security Administration  
Urban planner  
Youth director

### Visual and Performing Arts

Graphic artist  
Interior design  
News photographer  
Design artist  
Manager of regional theatre  
Actor/director of regional theatre

# MANAGEMENT

## Some Possible Careers or Areas of Study:

### Industrial

Data processing  
Production planning  
Supervision inventory control  
Technical sales  
Selling computer products & services  
Managing cash flow operations  
Production management  
Computer systems analysts  
Managers of marketing,  
Finance production & personnel dept.

### Accounting

General accountant  
Cost accountant  
Budgeting accountant  
Tax accountant  
Internal auditor  
Certified public accountant  
Financial management  
Corporate trainer

### Management

Marketing  
Retail Sales  
Finance  
Banking

### Personnel & Administration

### Sales

### Pre-Law degree



# PHARMACY & PHARMACEUTICAL SCIENCES

## Some Possible Careers or Areas of Study:

Community practice  
Government positions  
Hospital practice  
Academia

Industrial practice  
Sales  
Medical service representative  
Institutional practice  
Nuclear pharmacy

Home health care  
Teaching and research  
Regulatory affairs  
Smart Pills with Refills

# SCIENCE

## Some Possible Careers or Areas of Study:

Biological sciences

Mathematics  
Statistics

Chemistry  
Physics

### 723. Intro to Python Programming

In this lesson, students will learn basic Python commands as they go on a coding adventure to help. As students work through the different coding puzzles, they will gain a stronger mastery of Python syntax. Additionally, students will learn about comments, for loops, and indentions.

# TECHNOLOGY

## Some Possible Careers or Areas of Study:

### Aviation

Corporate pilot  
Flight instructor  
Field representative  
Aviation maintenance  
Logistics engineer  
Air traffic controller

### Construction

Field Engineer  
Superintendent  
Estimator  
Scheduler  
Cost Engineer  
Project Manager

### Supervision

Production supervisor  
Industrial sales  
Banking and finance  
Human resources  
General manager

### Technical Graphics

Illustrator  
Graphic Designer  
Engineering Design  
Multimedia Specialist  
Modeling Simulation

### Computer

Consultant  
Programmer  
Systems analyst  
Database administrator  
Internal systems engineer  
Network administrator

### Electrical/Electronics

Telecommunications  
Automated mfg.  
Process control  
Automated testing  
Computer interfacing

### Mechanical

Manufacturing engineer  
CAD/CAM systems design  
Project planner  
Process control  
Plant operations  
Production engineer

### Industrial Technology

Operations  
Process engineer  
Technical sales  
Technology education  
Quality control  
Ergonomics

### 213. How Airplanes Fly

Learn how airplanes take flight and observe Purdue's training aircraft up close! Also explore different career opportunities in aviation.

### 421. Environmental Opportunities in Aviation

Various aviation careers will be discussed and students will have the opportunity to identify the advantages of these environmentally friendly aviation industry careers.

# VETERINARY MEDICINE

## Some Possible Careers or Areas of Study:

### Veterinarian (DVM)

Environmental preservation  
Equine medicine  
Food animal medicine  
Small animal medicine  
Space and marine biology  
Teaching

### Zoo animal medicine

Government - Local, State, National & Int'l  
Research & Development  
Wildlife preservation

### Veterinary Technician

Small animal technician

### Mixed practice technician

Food animal technician  
Equine technician  
Research technician  
Exotic and zoo animal technician  
Teaching technician  
Veterinary Nurse

### 426. So You Want to Be A Veterinarian

The veterinary healthcare profession offers many exciting opportunities for a future career. In particular you can be a veterinarian. In this session, you will have the opportunity to complete a physical exam on a mock patient, examine parasites and radiographs as well as try to draw blood on a mock patient. Come see the world of veterinary patient care.



# OTHER CAREER OPTIONS

There are many career options that do not necessarily require four years of study or advanced degrees. You can learn about a handful of these careers through the following website.

## **703. Discovering Your Career Code**

Do you know what career opportunities are out there? What education or training is required for your future career? In this class, you will take a career quiz that will provide you with a career code to help unlock future career options and information on each career path. If you are unsure about what you can do in your career, this is a class that will help provide you with a foundation and understanding of potential careers.

## **707. Clover Gaming! A Game Design and Experience Like Any Other**

Ever thought about what goes into getting a game to market? Through hands-on learning, youth will learn what it takes to make a successful board, card, or video game.

## **712. Leadership Skills for Life**

Every job requires leadership. Learn from Patty Hendrickson how you can make the most of your career by developing leadership skills for life.

## **720. Transferable Skills: Where to Find Them and How To Use Them**

What are companies looking for in future employees? What are the most sought-after skills? Come and learn the answers to both questions straight from an employer in the agricultural industry! You will receive updated information to prepare you for future careers while helping hone communication of your unique skills and experiences for future success in college or a career.

# REGISTRATION INSTRUCTIONS

Contact your county Purdue Extension office requesting to attend 4-H Round-Up. Some counties offer a discounted rate. After county office staff initiate registration in 4-H Online, delegates will need to login to their family 4-H Online account, view their member profile and from the menu bar select events. Find 2023 4-H Round-Up and click on this event then follow the prompts to register. Items needed during the registration process include:

- T-shirt size.

- Three class options selected from the registration book.

- Complete the online health form.

- Upload a photo of the delegate.

Registration fee is \$200 before June 1. Late registration accepted June 2-9 with \$250 fee.

Contact your county Purdue Extension office if registration assistance is needed.



# INDIANA 4-H OPPORTUNITIES:

Check out these great trips and opportunities that are available either through application or expressed interest. Visit with your local 4-H Youth Development Extension Educator for information on how you can get involved.



## **Opportunities at Purdue University:**

### Round-Up

#### 4-H Academy @Purdue

- Animal Bioscience
- Animal Health
- Animal Science
- Community Change Starts With Me
- Exploring Health Careers
- Food Science
- Introduction to Forensic Science:
  - Wildlife, Entomology & Food Fraud
- Introduction to EMS
- Natural Resources
- Plant Sciences
- \$how Me the Money
- STEM it UP!:
  - Computer Science
  - Engineering Our Environment
  - The Science of Flight

### Experience 4-H @Purdue

#### State 4-H Band

#### State 4-H Chorus

## **State and National 4-H Opportunities:**

### Citizenship Washington Focus-Washington D.C.

#### Indiana 4-H Leadership Summit-Carmel

#### National 4-H Conference-Washington, DC

#### National 4-H Youth Congress-Atlanta, Georgia

#### National 4-H Dairy Conference-Madison, Wisconsin

#### State 4-H Junior Leader Conference- DePaw University

*Find out more about 4-H  
by connecting to us on the Internet at:  
[www.extension.purdue.edu/4-H](http://www.extension.purdue.edu/4-H)*



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