

# **North Carolina 4-H Volunteer Leaders' Conference 2023**

## **4-H Family Reunion, Together Again**

### **Tentative Agenda**

#### **Friday, February 3**

5:00 – 8:00 pm	Conference Registration Open
7:00 – 8:30 pm	Curriculum Share Fair
7:00 - 9:00 pm	Country Store Open
8:30 – 10:00 pm	Fun Group Activity

#### **Saturday, February 4**

6:30 am – 9:00 am	Exhibit Set Up, Raffle Set Up Silent Auction Set Up
7:00 am – 6:30 pm	Registration Open
7:00 – 8:00 am	Floating Breakfast Open <i>(open for all conference participants)</i>
7:45 – 8:15 am	Conference 101: A First Timer's Orientation
7:00 am – 4:00 pm	Country Store
8:00 am – 4:00 pm	Silent Auction & Basket Raffle Open
8:30 – 9:45 am	<b>Workshop Session 1</b> <ul style="list-style-type: none"><li>● 4-H &amp; STEM</li><li>● Electric Project Activity and Program Overview</li></ul>
10:00 – 11:15 am	<b>Workshop Session 2</b> <ul style="list-style-type: none"><li>● Electric Project Activity and Program Overview</li><li>● Power of Wind</li></ul>
11:30 am – 1:00 pm	Lunch / Business Meeting / Awards Ceremony
1:30 – 2:00 pm	District Meetings

2:15 – 3:30 pm

**Workshop Session 3**

- Enriching Soil in Your Garden
- Ribbit Ribbit Robots

4:00 – 5:00 pm

**Closing Session**

- Thoughts from the State 4-H Leader  
*Dr. Mike Yoder*
- Officer Installation
- Closing Business Meeting
- Conference Wrap Up / Celebration

## **Workshop Descriptions**

### **4-H & STEM**

*Danny Lough, 4-H Agent - Davie County*

Limit: 40 people

Come learn about the various Science, Technology, Engineering, and Mathematical (STEM) curriculum and activities available through North Carolina 4-H and how they can relate to your 4-H program. We'll delve into the scientific method and see how it relates to 4-H's Experiential Learning Model. This program will include several hands-on activities and examples.

### **Conference 101: A First Timer's Orientation**

Limit: 50 people

*Diane Sturges, Halifax County 4-H Volunteer*

What is this? What room is it in? Where am I? First time at Leaders' Conference, huh? Check out this session to get the knowledge and tools to help you navigate through this weekend. Find out what it is all about; have fun, meet new friends and ENJOY!

### **Electric Project Activity and Program Overview**

Limit: 40 people

*Dr. Grant Ellington, Extension Associate Professor - Biological and Agricultural Engineering, NC State*

The hands-on electric workshop provides a training opportunity for volunteers and county Extension personnel to learn how to solder and assemble an electronic printed circuit board kit. Counties trained are eligible to receive 20 free electric kits to use in their county program. Funding is provided by Duke Energy and Dominion Energy. This is also an opportunity to learn more about the 4-H Electric Program opportunities.

### **Enriching Soil in Your Garden**

Limit: 45 people

*John Zika and Karen Zika, Iredell County 4-H Volunteers*

Organic matter improves the physical and chemical properties of all mineral soils for many reasons. Daily in our society, significant amounts of valuable organic matter are buried in landfills.

This workshop focuses on one family's eight-year journey – an "Experiment" – in recovering organic matter and routing it into their home garden. Used commercial coffee grounds and nearly all household waste paper have been composted, along with the more common compostable items -- food scraps, lawn clippings, and leaves. Participants will perform a hands-on exercise in re-routing household waste into readily compostable organic matter.

### **Power of Wind**

Limit: 40 people

*Anne Finch and Laura Alley, Wayne County 4-H Volunteers*

Make a pinwheel - decide on the best shape and material - then use it to harness the power of the wind. Build a turbine and use a multimeter to measure the voltage. Finally, make your own wind art (Whirlygig). Take these activities back to your county and let everyone get a bit windy!

**Ribbit Ribbit Robots**

Limit: 40 people

*Laura Alley and Anne Finch, Wayne County 4-H Volunteers*

Build a frog using LEGO technic - Learn basic Scratch programming - Drag and drop Scratch code to make your robotic frog move and croak - Add a sensor to your LEGO model and program for added fun. Learn about possible funding opportunities to bring robotics to your county.