



NORTHWEST  
WASHINGTON

**FAIR**

4-H Sciences

August 8 – August 17, 2024



**SKAGIT**

**Farmers Supply**

4H Exhibits Sponsor

# 4H SCIENCES

## SUPERINTENDENT AMY PIKE

360-815-0648

**Entries are due online by July 24**

<b>4-H &amp; FFA EXHIBITORS:</b>
4-H and FFA gate passes must be purchased online by July 20
Parents of 4-H & FFA Season Pass \$30
4-H & FFA Exhibitors - \$20.00 for a 4-H/FFA Season Wristband
4-H Club Leaders & FFA Advisors will receive (1) Complimentary 4-H/FFA Season Pass

**Entries are brought to the Farm Pavilion on Monday August 5 from 4 pm to 7 pm.**

Three late entries may be accepted at time of drop off as space allows.

**Entries should be picked up on the Sunday following the fair from 12 pm to 2 pm in the Farm Pavilion.**

1. **All entries must** be accompanied by a 3" x 5" white index card on which you have computer printed the following information:
  - Your Name
  - Your Age
  - Your club
2. A second **one sided** 3" x 5" white index card needs to be computer printed with:
  - Item (What it is)
  - Division and class
  - Construction (What materials & techniques were used)
  - What did you learn? How long have you worked on the project?
3. Woodworking and other large projects must include project dimensions in online entry description.
4. Maximum of 4 entries per class.

## **NATURAL SCIENCES**

### **DIVISION A – BEEKEEPING**

Each exhibit must be properly labeled.

PREMIUMS: Blue \$4.00 Red \$3.00 White \$2.50

#### **CLASS NUMBER**

1. Honey (2 clear one pound queenline jars with metal lids)
2. Extracting frame of honey (1 frame wrapped in clear plastic placed in a box)
3. Beeswax, any item made from beeswax
4. Any other item or display

## **DIVISION B - ENTOMOLOGY**

All insect exhibits to be labeled giving the common and scientific names.

PREMIUMS: Blue \$4.00 Red \$3.00 White \$2.50

### CLASS NUMBER

1. Insect collection containing 12 insects
2. Insect collection containing 25 insects
3. Exhibit of life stages - eggs to adult
4. Special collection of insects by economic importance, etc.
5. Exhibit demonstrating careers in Entomology
6. Exhibit demonstrating biological controls on insects
7. Exhibit of traps or collecting techniques
8. Other

## **DIVISION C - WILDLIFE / ECOLOGY**

PREMIUMS: Blue \$4.00 Red \$3.00 White \$2.50

### CLASS NUMBER

1. Exhibit depicting local fauna
2. Tracks and signs of wildlife (how to recognize)
3. Recycling exhibit
4. Endangered species
5. Other wildlife exhibit

## **DIVISION D - MARINE SCIENCE**

PREMIUMS: Blue \$4.00 Red \$3.00 White \$2.50

### CLASS NUMBER

1. Any exhibit from Marine Science

## **DIVISION E – GEOLOGY**

PREMIUMS: Blue \$4.00 Red \$3.00 White \$2.50

### CLASS NUMBER

1. Labeled rock and mineral collection
2. Geology display or model
3. Rock hunting kit made by exhibitor
4. Other

## **DIVISION F – FORESTRY**

PREMIUMS: Blue \$4.00 Red \$3.00 White \$2.50

### CLASS NUMBER

1. Leaf collection display (include tree type and location found)
2. Other forestry exhibit

## **DIVISION G - SELF DETERMINED NATURAL SCIENCE**

Any item or display featuring any of the following: Anatomy, Astronomy, Archeology, Biology, Biosphere, Botany, Chemistry, Crystal Growing, Ecology, Genetics, Geometry, Math, Microbiology, Physics, Worm Farming, Zoology, etc.

PREMIUMS: Blue \$9.00 Red \$7.00 White \$6.00

### CLASS NUMBER

1. Projects costing over \$5.00 to make

PREMIUMS: Blue \$5.00 Red \$4.00 White \$3.00

### CLASS NUMBER

2. Projects costing under \$5.00 to make

## **S.T.E.M. (Science, Technology, Engineering, & Mathematics)**

### **DIVISION H – COMPUTERS**

PREMIUMS: Blue \$4.00 Red \$3.00 White \$2.50

### CLASS NUMBER

1. Computer generated item using specialized software (flyers, cards, certificates, newsletters, apparel design, digital art). A physical example must be entered for display.
2. Slide show or edited video with sound at least 3 minutes long. Submit on a flash drive. Slide show must automatically advance to the next slide.
3. Web Page, must submit printed web address.
4. Any item or display featuring computers.

### **DIVISION I - MODEL ROCKETRY**

All models from kits except for class 5.

Label with each entry must include members name, age, club name, rocket type, and description.

PREMIUMS: Blue \$4.00 Red \$3.00 White \$2.50

### CLASS NUMBER

1. Level I, rocket
2. Level II, rocket
3. Level III, rocket
4. Level IV, rocket
5. Rocket designed, built, and tested by exhibitor
6. Exhibitor made model rocket-tracker (altimeter)

## **DIVISION J - AEROSPACE**

PREMIUMS: Blue \$4.00 Red \$3.00 White \$2.50

### CLASS NUMBER

1. Model of a wing, glider, kite, balloon craft, or model of aircraft or space craft of your own design (no kits)
2. Exhibit of a space station, moon, or mars base (not from a kit).
3. Any item or display featuring Scientists, Inventors, Explorers, Pilots, Astronauts, etc.
4. Other aerospace project

## **DIVISION K - WOODWORKING**

Wood must be chosen and cut by exhibitor. Include dimensions of your project in description of online entry form.  
No precut items - These belong in Division 13, Arts and Crafts, Class B.

PREMIUMS: Blue \$4.00 Red \$3.00 White \$2.50

### CLASS NUMBER

1. Building with a wood project
2. Wood artistry project

## **DIVISION L - MECHANICAL SCIENCE SELF DETERMINED**

Any item or display featuring any of the following: (such as) Telescope Making, Bicycle, Bridge Building, Combustion Engines, Map Making, Fly-Tying, Game Boards (i.e. Chess), Energy Conservation, Electrical, Soldering Techniques, S.W. Radios, Solar Power, Wind Power, Robotics, etc.

PREMIUMS: Blue \$9.00 Red \$7.00 White \$6.00

### CLASS NUMBER

1. Projects costing over \$5.00 to make

PREMIUMS: Blue \$5.00 Red \$4.00 White \$3.00

### CLASS NUMBER

2. Projects costing under \$5.00 to make

## **ROSETTES SPONSORED BY NORTHWEST WASHINGTON FAIR ASSOCIATION**