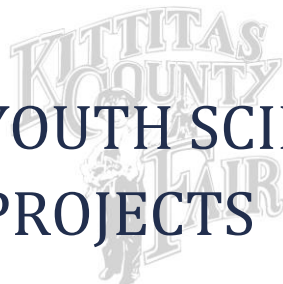


DEPARTMENT 39 – OPEN YOUTH SCIENCE PROJECTS

2017 KITTITAS COUNTY FAIR EXHIBITOR'S GUIDE

OPEN YOUTH SCIENCE PROJECTS



DIRECTOR IN CHARGE

Jarred Fudacz

SUPERINTENDENT

Betsy Crimp 899-2503

ENTRY AND EXHIBITS

- Entry form deadline: August 15, 2017 (After 8/15/17, late fees will apply.)
- Please bring, and pick up your entry(s) during the times listed below to the Home Arts Building
 - Physically accepted **August 25th**, 10:00 am – 7:00 pm
 - Released: Monday (end of Fair) – 6:00 pm – 8:00 pm
- Read General Rules & Regulations.
- <http://www.kittitascountyfair.com/guide.asp>

OPEN YOUTH SCIENCE PROJECT RULES

1. One entry per division

DIVISION 39-ASCIENTIFIC EXPERIMENTS

Uses and displays the proper steps of the scientific method to solve a problem.

PREMIUM POINTS

Blue 60

Red 50

White ..40

DIVISION 39-BSCIENTIFIC OBSERVATIONAL PROJECT

Keeps journal or data on observations of nature and using the observations to draw conclusions.

PREMIUM POINTS

Blue..... 40

Red 30

White .. 20

DIVISION 39-CSCIENTIFIC MODELS

Builds displays and uses a scientific model to explain some concept or event in the natural world.

PREMIUM POINTS

Blue 100

Red 75

White .. 50

DIVISION 39-DTECHNOLOGICAL INVENTION

Builds displays and uses a scientific model to explain some concept or event in the natural world.

PREMIUM POINTS

Blue 150

Red 110

White .. 80

CLASSES

01 - Novice Youth (K, 1, 2 grade)

02 - Junior Youth (3, 4, 5 grade)

03 - Intermediate Youth (6, 7, 8 grade)

04 - Senior Youth (9, 10, 11, 12 grade)

OPEN YOUTH ROBOTICS RULES

1. No more than two entries in each Class, with a maximum of six entries total.
2. Project should involve youth created robots. They can be created from kits or from miscellaneous parts.
3. All Robotic Project entries will be available for pick up on Monday, September 5, from 6:00 pm – 8:00 pm.
4. Robots will be judged on looks, workmanship, consideration of safety, ease to work on, structural stability, creativity, and functionality. More weight is given to youth designed project.
5. Robot and full description of what it is meant to accomplish must be submitted with entry.

6. Put all photos, programs, designs etc. into a report folder, along with the following:
An 8.5" x 11" form with the following information for each entry.
- a. Introduction: Club name/school/name/grade
 - b. Project:
 - What project did you select?
 - Why did you decide to do this project?
 - c. Materials
 - What materials did you use (Lego pieces, miscellaneous parts)
 - What made you choose these materials?
 - d. Steps
 - List the steps that you used to create your project (instructions from a kit, self-designed).
 - e. Results
 - Show an example of your final project (model or picture)
 - Do you consider the project finished? Why or Why not?
 - What types of testing did you do as you developed your project?
 - What did you learn from your experience?
 - Was the final project what you expected it to be when you were done?
 - If you were to do this project again, would you do anything differently? Explain.

- History, How-to, Compare and Contrast, New Developments, etc. are all appropriate prompts for an educational display.
- Display may include sound, motion, 3-D, etc.
- Use large lettering to convey the main message. All wording should be readable from 6 feet away.
- All content must be original and copyright free.

Class 01 – Large Open Educational Display

Large Display: Maximum 20 square feet combined horizontal and vertical space (e.g. tri-fold display board on top of your own card table) down to 6 square feet (combined horizontal and vertical)

PREMIUM POINTS

Blue 60

Red 40

White .. 20

Class 02 – Small Open Educational Display

Small Display: size allowed up to 24" x 36" maximum (combined horizontal and vertical), down to 11" x 17" minimum.

PREMIUM POINTS

Blue 45

Red 30

White .. 15

DIVISION 39-E

**YOUTH/SCHOOL
ROBOTICS PROJECTS**

CHAMPION AND RESERVE CHAMPION

ROSETTES GIVEN IN EACH CLASS

Class 01 – High School Robotics Project

Class 02 – Lego Robotics

Class 03 – Robotics Kit

Class 04 – Any other not listed

PREMIUM POINTS

Blue 25

Red 15

White 10

BEST OF DIVISION

Special award given for the most outstanding exhibit in each Division.

BEST OF SHOW

Special award given for the project judged the outstanding exhibit of the entire show.

**DIVISION 39-F OPEN YOUTH SCIENCE
PROJECTS EDUCATION
DISPLAY**

Space is limited. Pre-register by calling the Superintendent, so space can be incorporated into the Department area.

- Create a display on a topic of educational value related to the Department.