DEPARTMENT 39 – OPEN YOUTH SCIENCE PROJECTS

2021 KITTITAS COUNTY FAIR EXHIBITOR'S GUIDE

OPEN YOUTH SCIENCE PROJECTS

DIRECTOR IN CHARGE
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SUPERINTENDENT
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ENTRY AND EXHIBITS

- Entry form deadline: August 16 (After 8/16 late fees will apply.)
- Please bring, and pick up your entry(s) during the times listed below to the Home Arts Building
  - Physically accepted **Friday prior to Fair**, 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-A .....SCIENTIFIC 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-B .....SCIENTIFIC 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-C .....SCIENTIFIC 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-D .....TECHNOLOGICAL 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, Labor Day , 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. (cont. page 2)

5. Robot and full description of what it is meant to accomplish must be submitted with entry. (Con't next page)
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.

DIVISION 39-E **YOUTH/SCHOOL ROBOTICS PROJECTS**

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**

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

Space is limited. Please 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.
- 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

CHAMPION AND RESERVE CHAMPION

ROSETTES GIVEN IN EACH CLASS

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.