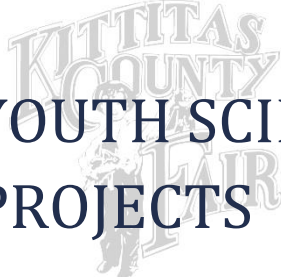


# DEPARTMENT 39 – OPEN YOUTH SCIENCE PROJECTS

## 2022 KITTITAS COUNTY FAIR EXHIBITOR’S GUIDE

### OPEN YOUTH SCIENCE PROJECTS



**DIRECTOR IN CHARGE**  
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**SUPERINTENDENT**  
Angela Dyk 509-859-3904

#### 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. 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)*
4. Robot and full description of what it is meant to accomplish must be submitted with entry.

