Funhouse Commons

2017 Funhouse Commons Science Fair

Saturday, March 25, 2017

Have project set up by 11:30 a.m.

As usual we are open to any kind of project, from any field of science, big or small, loud or quiet. However we are encouraging folks to make it! Invent it! Re-create it.

Elementary/Middle School Level:
Participants will set up a display of their science project (roughly 4 x 4 x 4 feet). Please put your first and last name somewhere visible on the display.
While adult assistance is expected, the student must be able to explain the project to the Funhouse Commons Wizards (judges) on the day of the fair. All participants will receive an award and a prize.

High School Level:
Participants will set up a display of their science project (roughly 4 x 4 x 4 feet). If more space is needed, please describe it on your registration form. Please put your first and last name somewhere visible on the display. All participants will receive awards.

SCHOLARSHIP LEVEL:
Middle and high school students who wish to participate may compete for these scholarships:

First Prize: $1,000; Second: $650; Third $350. Entries will be scored in several categories by the Wizards (judges). Point totals will determine the winners.
Prize money will be released to post high school educational programs.
For more info call the Funhouse Commons - (360) 376 7177.

All levels are open to all students from San Juan, Orcas, Shaw, Lopez, Waldron and Stuart.

All entrants will receive an award. Besides the scholarship awards, there is always an honorary **"Best of Show" award**, commemorating founding Funhouse Commons Tech Wizard Richie Moore. Participants from all levels are eligible for this honor.

2017 Funhouse Commons Science Fair Entry Form

Saturday, March 25, 2017 HIgh school judging starts at 11:30 and elementary starts at 12:00

Name: _____

Age: _____ Grade: _____ School: _____

I'm in middle or high school, and I want to compete for the Scholarship money!
Yes_____ No_____

Phone: _____ E-mail: _____

Address: _____

City: _____ State _____ Zip _____

Parent/Guardian Name: _____

Title of Science Project: _____

Describe it briefly: _____

_____

_____

_____

Does your project require electricity? Yes_____ No _____

Does your project have any other special needs or requirements? _____

_____

You will be able to set up your project on Saturday, March 26, between 9:00am - 11:30 am. If this doesn't work, please call to make arrangements. You need to be with your project on Saturday, March 26 so you can answer questions the Wizards (judges) or other visitors might have. **Please return this form to The Funhouse by Friday, March 25.**

The Funhouse Commons • 30 Pea Patch Lane • Eastsound, WA 98245 • 360 376 7177
www.funhousecommons.org

Judging Rubric for the Middle and High School

Saturday, March 25, 2017 Starts at 11:30 AM

"Using science to test a hypothesis"

For each of the following criteria, the projects will be judged using the following scale:

5 = Superb, Excellent, Very Well Done
4 = Good Effort
3 = Fair, Reasonably Attempted
2 = Adequate, but Needs Improvement
1 = Minimal Effort
0 = Not Done

Hypothesis:
Clear statement of a testable hypothesis - can the experiment show whether our hypothesis is correct or not?

Score: _____

Creative ways to test the hypothesis with experiment(s) - written procedure including what will be measured and how.

Score: _____

Experiment:
Running multiple trials of the experiment Score: _____

Explicit listing of uncertainty of measurement - as Walter Lewin (MIT Physics professor) says: "Measurements are meaningless unless you know the uncertainty of your measurement."

Score: _____

Data Collection:
Presentation: Neat, organized and honest - includes graphic representations

Score: _____

Evaluation of Data (Conclusion):
Include doubt! How could the data be misleading? What else might cause the results - and how could we exclude these possible side effects (more experiments)? How would you re-design the experiment if you could? What surprises occurred? What unexpected things happened?

Score: _____