

# WHATCOM COUNTY SCIENCE AND ENGINEERING FAIR

## GRADES 9-12 2020 Registration Form

If you are part of a team,  
this form must be completed by each student and their  
parent/guardian and supervising adult.

**Student Information:** Team Project:  No  Yes | Number of Participants:  1  2  3

Student 1	Student 2	Student 3
Grade Level:	Grade Level:	Grade Level:
First Name:	First Name:	First Name:
Last Name:	Last Name:	Last Name:

Student 1 Address:

School:

Parent Name: \_\_\_\_\_ Parent Email: \_\_\_\_\_

We recognize ALL entrants at the award ceremony. If you think we'll have trouble, *please help us correctly pronounce your name:*

### Project Division:

Science Experiment       Engineering/Maker       Demonstration/Model

### Project Category:

<input type="checkbox"/> Animal Sciences (ANIM) <input type="checkbox"/> Behavioral and Social Sciences (BEHA) <input type="checkbox"/> Biochemistry (BCHM) <input type="checkbox"/> Biomedical and Health Sciences (BMED) <input type="checkbox"/> Biomedical Engineering (ENBM) <input type="checkbox"/> Cellular and Molecular Biology (CELL) <input type="checkbox"/> Chemistry (CHEM) <input type="checkbox"/> Computational Biology & Bioinformatics (CBIO)	<input type="checkbox"/> Earth & Environmental Sciences (EAEV) <input type="checkbox"/> Embedded Systems (EBED) <input type="checkbox"/> Energy: Chemical (EGCH) <input type="checkbox"/> Energy: Physical (EGPH) <input type="checkbox"/> Engineering Mechanics (ENMC) <input type="checkbox"/> Environmental Engineering (ENEV) <input type="checkbox"/> Materials Science (MATS)	<input type="checkbox"/> Mathematics (MATH) <input type="checkbox"/> Microbiology (MCRO) <input type="checkbox"/> Physics and Astronomy (PHYS) <input type="checkbox"/> Plant Sciences (PLNT) <input type="checkbox"/> Robotics & Intelligent Machines (ROBO) <input type="checkbox"/> Systems Software (SOFT) <input type="checkbox"/> Translational Medical Science (TMED)
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### Project Name:

**Your T-Shirt Size:** YS YM YL YXL AS AM AL AXL AXXL

## PROJECT SAFETY

### SAFETY FORM

- Project display board can be no larger than 30" deep, 48" wide (side to side), and 108" tall.
  - When creating your experiment display, do NOT bring the items listed below from your experiment -- take pictures of your experiment and include them on your board OR in your journal.
- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. Living organisms, including plant material</li> <li>2. Preserved animals – includes embryos</li> <li>3. Food (empty containers may be secured to the display)</li> <li>4. Human or animal parts or body fluids</li> <li>5. Soil, sand or waste samples</li> <li>6. Laboratory/household chemicals – including water surgical techniques, dissection, necropsies, other lab techniques</li> <li>7. Sharp items – pipettes, glass, syringes, needles</li> </ol> | <ol style="list-style-type: none"> <li>8. Highly flammable display materials (NO matches)</li> <li>9. Empty tanks that previously contained combustible liquids or gases</li> <li>10. Photographs of people other than yourself or your family without their written permission (must obtain signatures and include them in journal)</li> <li>11. Photographs or other visual presentations depicting vertebrate animals in surgical techniques, dissection, necropsies, other lab techniques, improper handling methods, improper housing conditions, etc.</li> </ol> |
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STUDENT INITIALS

I certify that my science project complies with all of the experimental rules of the Whatcom County Science and Engineering Fair. I understand that if I have not complied with these rules that my project could fail to qualify for competition. I have also read and I understand the display and safety rules. If I display any of the objects listed above, I am aware that they will be removed and returned at the conclusion of the science fair. I understand that I must be present for judging during the designated competition date and time and my project will remain at the Fair until the designated pickup time.

STUDENT INITIALS

Every effort will be made to protect exhibits from loss or damage. However, since the exhibition of projects is open to the public, the Whatcom County Science and Engineering Fair Committee, The Franklin Academy, and Alcoa cannot and will not accept any liability or responsibility of any nature for any theft, loss or damage to any exhibit or any other property of any Whatcom County Science and Engineering Fair participant. Accordingly, it is recommended that each participant should secure and guard his/her project and take all prudent precautions to prevent any theft, loss or damage to their project.

## PARENT SECTION

*Parents and teachers assume responsibility for the safety of the student and any test subjects involved in the project.*

First and foremost, the parent or teacher supervising should use his or her best judgment to ensure the safety of the student and any subjects (human or other animals). Also, to ensure the safety of visitors to the Fair, students should include photographs on projects, rather than displaying breakable, valuable, or potentially harmful objects--including chemicals, bacteria or any kind of food.

**SAFETY GLOVES:** Should be used for any testing with food, chemicals, or body fluids.

**EYE PROTECTION:** Safety glasses should be used for any experiments with chemicals or if any kind of splash may come in contact with your eyes.

**ALLERGIES:** Remember human subjects may be allergic to different substances. Always ask about allergies. Experiments with humans need an additional signed permission form. Human subjects under age 18 need signed parental permission to participate (see website for additional human subject permission form).

**FIRE:** ALL projects that involve fire or burning objects will be under adult supervision.

**HUMANS:** No experiments should be done on humans that can cause any potential harm to the human. Exceptions include observational type studies such as thinking type exercises, etc. Human subjects under age 18 need signed parental permission to participate. Bottom line...it is ok as long as there is no possible way that any person can be harmed.

**ANIMALS:** No animal (this includes invertebrates) should be harmed or caused pain.

**BACTERIA:** Due to the potential for inhaling or coming in contact with harmful bacteria, students should avoid projects where they collect bacteria and then grow bacteria cultures. While this can be done safely, the potential exists for a very harmful pathogen to be inhaled or come in contact with the student.

**OTHER:** No experiments should be done using firearms. Experiments cannot include hazardous materials prescription drugs, illegal drugs or alcohol.

If you have any questions about what is allowed / not allowed, please contact the WCSEF [sciencefair@thefranklin.academy](mailto:sciencefair@thefranklin.academy)

Parent/Guardian or Supervising Teacher Signature: I acknowledge that the above safety precautions have all been followed and that this project will be or has been completed in a safe manner. I also acknowledge that no animals (vertebrates or invertebrates) were harmed in any way.

Date

Date

### Media Permission

 YES  NO

I give my permission to allow appropriate information about my child to be used for publicity purposes. This includes photographs, videos, or likenesses that by be used by the Whatcom County Science and Engineering Fair, or the sponsors of awards for the purposes of illustration, advertising, or publication in any manner.

 YES  NO

I also consent to the use of my child's name in connection with The Whatcom County Science and Engineering Fair.

### Registration and Payment Information

Please submit payment with registration material. Payment can be accepted at The Franklin Academy between 8:00-4:00 daily, or by mail at  
**THE FRANKLIN ACADEMY, 1509 E. VICTOR, BELLINGHAM, WA, 98225**

#### EARLY REGISTRATION FEE

February 14, 2020  
**\$15 per student**

#### REGISTRATION FEE

February 28, 2020  
**\$20 per student**

#### LATE REGISTRATION FEE

4:00pm, March 02, 2020  
**\$30 per student**