

Rules to Follow for All STEM Fair Projects

2019-20

What You Need to Know Before Beginning Your STEM Fair Project So, You Are Not Disqualified

Before beginning your school STEM fair project, all students need to fill out the official 2020 Elementary CUSF STEM Fair Entry Form and give it to their teachers for review. This form is at the end of this packet and on the JSD Elementary Science webpage under the tab “STEM Fair Information for Students and Parents”.

<http://elemscience.jordandistrict.org/stem/students-and-parents-stem-fair-project-information-for-the-school-stem-fair/>

This form isn't just for the Jordan District Elementary STEM Fair and the Central Utah STEM Fair. It is for your school STEM fair too so you know what the rules are so you aren't disqualified if you go on to the Jordan District Elementary STEM Fair.

Below are special rules that need to be followed so projects aren't disqualified. Approval signatures must be signed on Page 1 of the 2020 Elementary CUSF STEM Fair Entry Form.

Please read the information below carefully.

1. If a student uses people in his/her STEM Fair project the student must:

- a. Get approval from his/her science teacher and from a (school) psychologist, medical doctor, or registered nurse.
- b. Get written consent from each person used. (Form is on page 14a.)
- c. Get written consent from the parents of any children under 18 used. (Form is on page 14b.)
- d. Attach a copy of the survey or test to the 2020 CUSF Entry Form.
- e. Attach the consent forms to the 2020 CUSF Entry Form.

2. If a student uses animals in his/her STEM fair project the student must:

- a. Get approval from his/her science teacher and a veterinarian or biomedical/biological scientist.
- b. Conduct the experiment on home pets for behavioral studies only. The testing cannot be done on animals caught in the wild. The testing can be done at home.
- c. Make sure the animal doesn't experience any unnecessary pain or discomfort.
- d. Proper daily care is given to the animal at all times.

3. If a student uses prescriptions, over the counter drugs, alcohol, or tobacco in his/her STEM Fair project, the student must:

- a. Get approval from his/her science teacher and a biomedical/biological scientist.
- b. Adhere to all laws when acquiring and handling controlled substances.
- c. Have a qualified scientist or supervisor present during the experimentation.
- d. Have a person over 21 purchase the controlled substances.

4. If a student uses hazardous chemicals, weapons, laser, radiation, etc. in his/her STEM Fair project, the student must:

- a. Get approval from his/her science teacher and a school administrator.
- b. Adhere to all laws when acquiring and handling hazardous items.
- c. Have a qualified scientist or supervisor present during the experimentation.
- d. Must follow the proper safety procedures for each chemical or device used.

5. If a student grows bacteria, mold, fungi, or viruses in his/her STEM Fair project, the student must:

- a. Get approval from his/her science teacher and from a biomedical or biological scientist to be sure the project is safe.
- b. **Grow the bacteria, mold, fungi, or virus in a qualified school BSL-1 Laboratory only (see below) and not at home. Growing these cultures at home will disqualify the project from all competitions.**
- c. Have a qualified scientist or supervisor present during the experimentation.
- d. Students must follow the proper safety procedures while growing the culture.