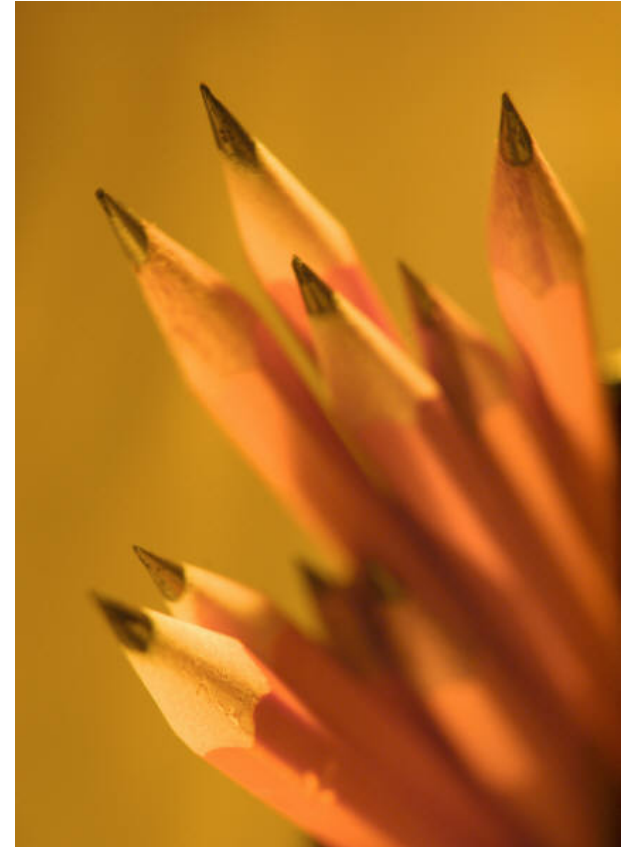


STEM Fair Project Rules



2016-17 STEM Fair Entry Form

- Before you begin your project for the school STEM fair, you need to fill out the 2016-17 Central Utah STEM Fair Entry Form.
- Filling out this form helps you know what you need to do to qualify for the school fair, district fair, and the Central Utah STEM Fair.
- It gets you started in the right direction.
- There are three pages to this form that needs to be filled out.
 - Page 1 Student Information and “Special Projects’ Signature Page”
 - Page 2 Science Fair Project Research Plan
 - Page 3 Safety Rules and Signatures



STEM Fair Rules

Some STEM fair projects may be dangerous to humans and animals. If your project includes any of the things written below, signatures must be obtained by professionals to make sure it is safe. These rules are set by the International Science Fair committee and need to be followed when doing a STEM fair project. **If these rules are not followed, the project will be disqualified for any science fair competition.**

1. Using Humans
2. Using Vertebrate Animals
3. Using Hazardous Substances or Devices
4. Using Bacteria, Mold, Fungi, Viruses, Parasites, Human or Animal Fresh Tissues, or Body Fluids
5. Using controlled substances

The following slides go into detail of the projects listed above and the signatures that need to be obtained to qualify to be in the school and district STEM fairs. Page one on the CUSF STEM Fair Entry Form is for the signatures needed.

Also note: Growing any microorganisms must be done in a lab. Any microorganisms that are grown at home will disqualify the science fair project for any competition.

Some Science Projects Need Signatures

If you do a science fair project **using humans you need approval and signatures from:**

- **Your school science teacher**
- **A school psychologist (from your school), psychiatrist, a medical doctor, physician's assistant, or a registered nurse.**

Note: All people used in the experiment must sign a consent form. If children are used who are under 18, parents must sign a consent form for each of the children used.

Some Science Projects Need Signatures

If you do a science fair project **using vertebrate animals you need approval and signatures from:**

- **Your school science teacher**
- **A biomedical/biological scientist (veterinarian in this case)**

Note:

- **Pets can only be used for these experiments and used for observational purposes only for behavioral study.**
- **There can be no pain or discomfort to the animal(s) during the experiment.**
- **Proper care must be provided at all times.**

Some Science Projects Need Signatures

If you do a science fair project using **controlled substances** (**prescription drugs, tobacco, alcohol**) you need approval and signatures from:

- Your school science teacher
- A biomedical/biological scientist

Note:

- An adult must directly supervise the experiments.
- Students must adhere to all federal, state and local laws when acquiring and handling controlled substances.

Some Science Projects Need Signatures

If you do a science fair project using **hazardous substances or devices (chemicals, firearms, welders, lasers, radioactive substances, radiation)** you need approval and signatures from:

- Your school science teacher
- A school administrator from your school

Note:

- An adult must directly supervise the experiments.
- Adhere to federal and state regulations governing hazardous substances or devices.
- Follow proper safety procedures for each chemical or device used in the research.

Some Science Projects Need Signatures

If you do a science fair project using **bacteria, mold, fungi, viruses, parasites, human or animal fresh tissues, or body fluids** you need approval and signatures from:

- Your school science teacher
- A biomedical/biological scientist

Note:

- Elementary students cannot use blood in experiments.
- Organisms collected in petri dishes must be sealed, grown and stored only in a controlled place like a science lab under the supervision of a scientist. They cannot be grown and stored at home. They will be disqualified if they are grown and stored at home.
- Using plant parts, hair, sterilized teeth, and fossilized tissue in experiments need no signatures.

Using People in Your Experiment

If you use people in your project, you must get proper signatures to use them.

- If they are 18 and over, you need to have them sign a paper saying that it is all right to use them in an experiment.
- If they are under 18, you need to have the parents of these children sign a paper saying that it is all right to use them in an experiment.



For More Information and Help on Putting a STEM Fair Project Together...

You can visit the
Central Utah STEM
Fair Website at:

<http://cusef.byu/edu>

