



Werner Elementary School Science & Engineering Fair

March 31, 2023

[Please click here to complete the online registration form.](#)

Science & Engineering Fair Details

Projects on Display: Friday, March 31. Open-house is scheduled for Friday 5:00-6:30pm. More details to follow.

Entry Drop-off Times: Projects should be brought to school on Thursday, March 30th.

Location: Werner Elementary School, 5400 Mail Creek Ln., Fort Collins, CO 80525

Grade Levels: Students from all grade levels are invited to participate. We will have two divisions, grades K-2 and grades 3-5.

Categories: Projects should follow either the Scientific Method Process or the Engineering Design Process.

Suggested Themes & Ideas

Scientific Method

Behavioral Science

Reaction to stimuli

Botany and Agriculture

Plants

Consumer Sciences

Product testing

Earth Sciences

Rocks and minerals

Glaciers

Volcanoes

Mountains

Ecology

Math/Computers

Probability

Statistics

Mathematical relationships

Physical Science

Light, prisms, color

Motion, gravity

Heat Energy

Properties of materials (wood, metals,

Sound

Simple machines (pulleys, levers, gears

Electricity

Magnetism

Chemistry

Zoology/Medicine

Medicine and the human body

Animals/Wildlife

Engineering

Engineering

Water treatment

Solar energy/insulation

Structures (bridges, buildings)

New inventions

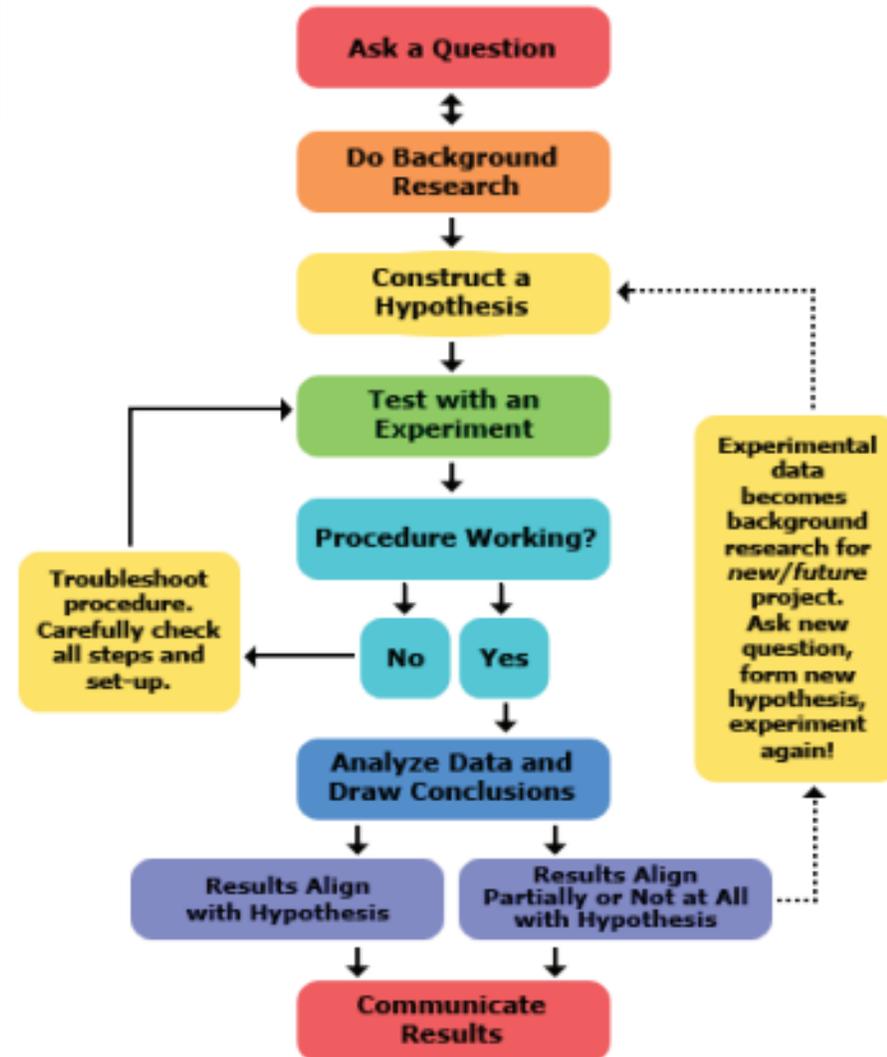
Mechanics (auto, bicycles)

Design

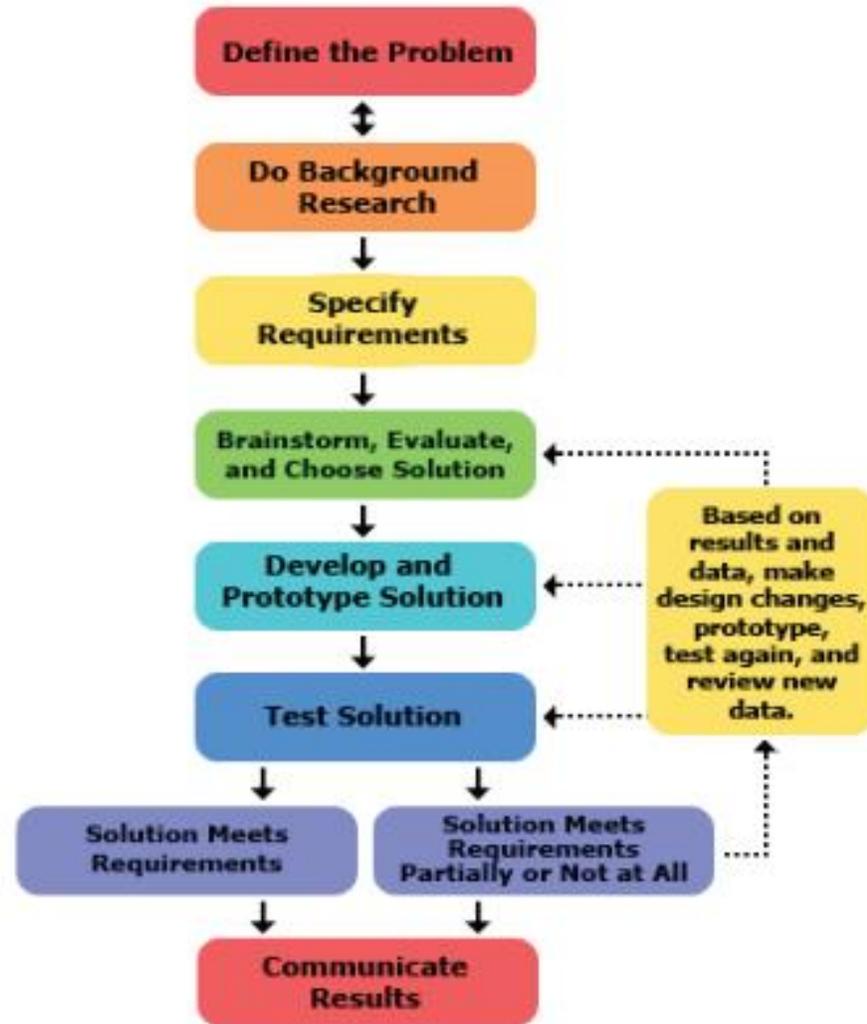
Aeronautics (flight, airplane design, wind tunnels)

Pollution control

Scientific Method

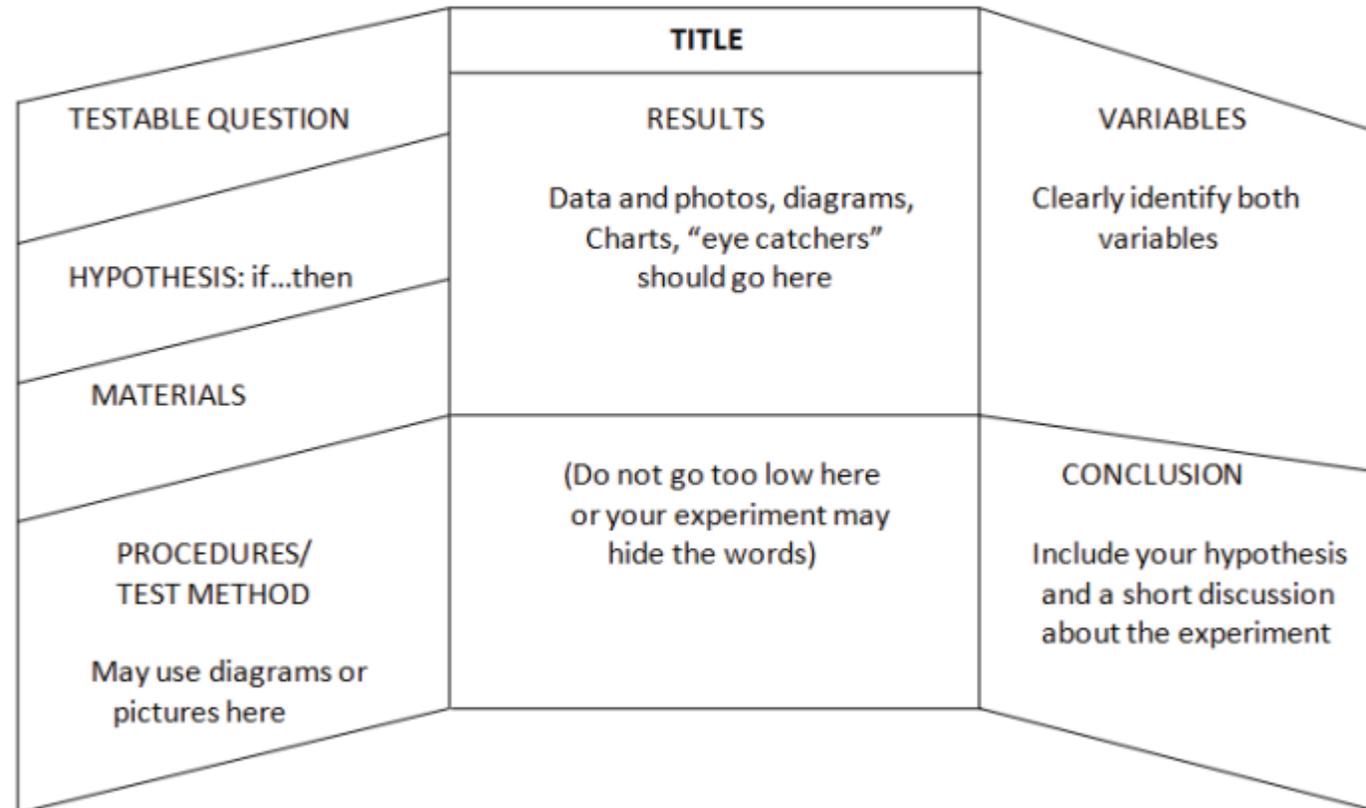


Engineering Design Process

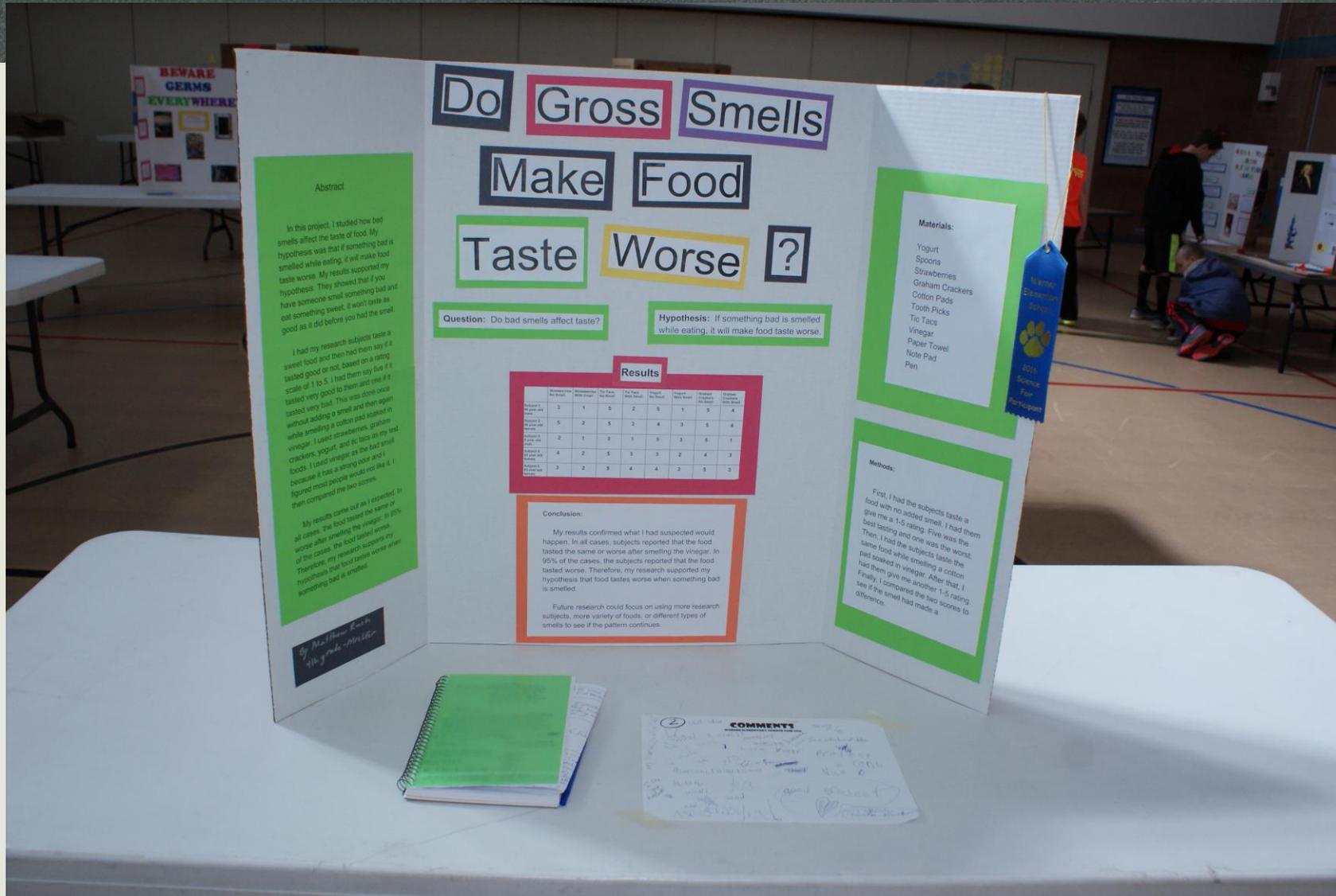


How to Display your Project

Scientific Method - Display Board Template

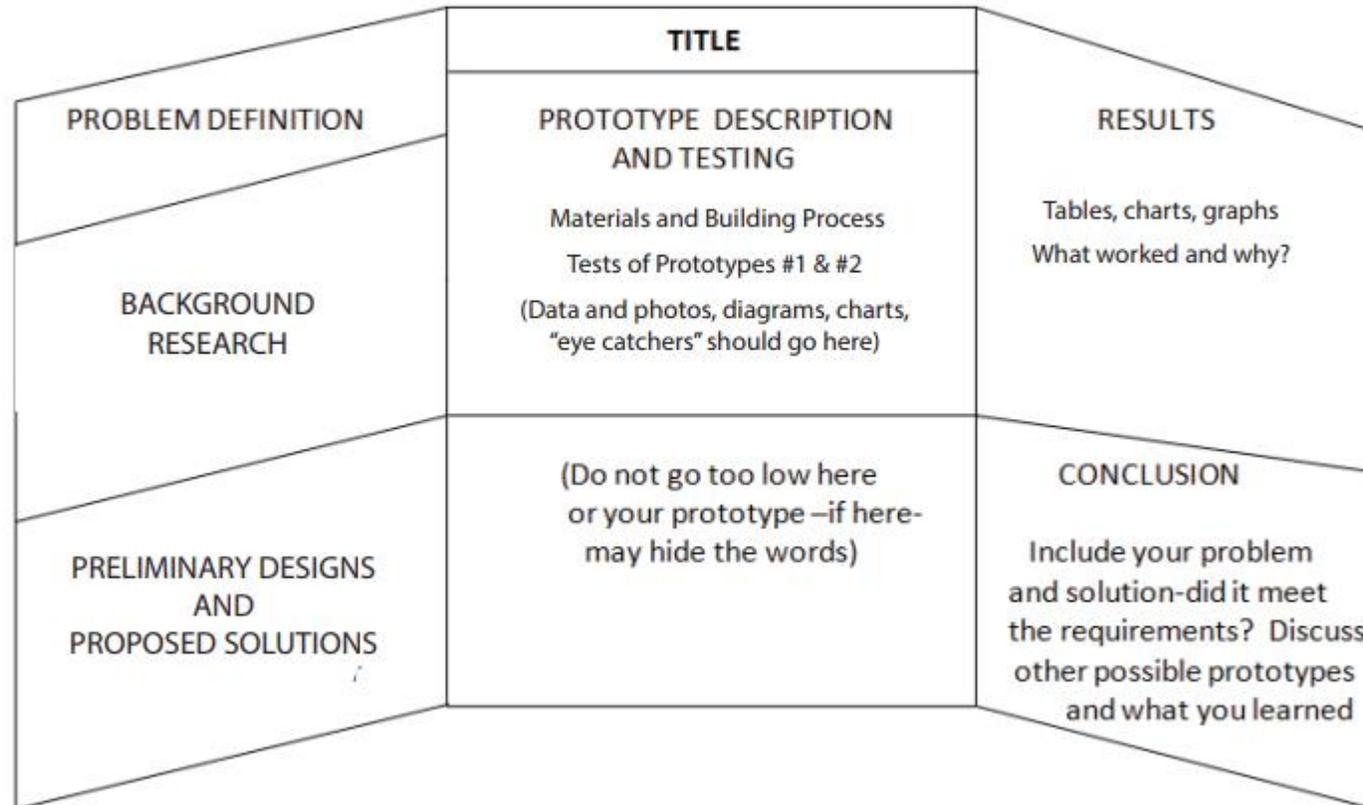


Example- Using the Scientific Method

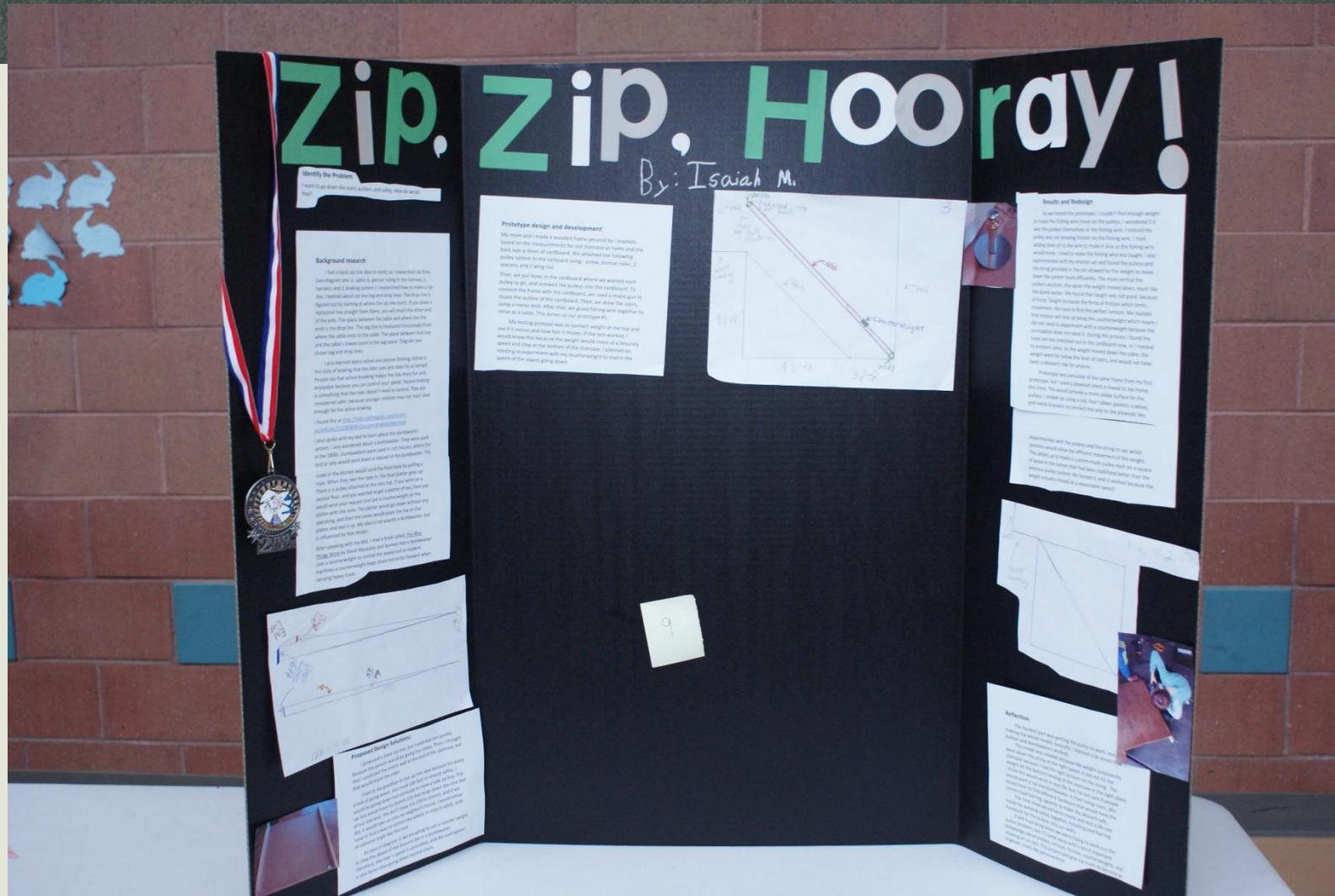


How to Display your Project

Engineering Design Process Display Board Template



Examples- Engineering Design Process



Safety

1. The use of dangerous chemicals, open flames, and explosives will not be permitted with any display.
2. Live animals, poisonous plants, bacteria or fungi will not be permitted with any display. (This includes mold, spoiled food, etc.) When parts of a project can't be displayed, please use photographs, drawings, or models to illustrate the project.
3. If batteries are used, they must be sufficiently charged to maintain operation throughout the time of the fair.
4. Studies involving the use of drugs or alcohol WILL NOT be permitted.
5. Werner Elementary reserves the right to refuse any exhibit which is considered unsafe.

Questions

Can I work with a partner?

Yes! Individual or group projects (2-3 students) are allowed.



Please contact Mr. Jeff Putman (jputman@psdschools.org) with any other questions.