

STEM Fair Update

October 2021

STEM Fair November 19, 2021

Prize Raffle!

All STEM Fair participants will be entered into a drawing for various prizes!

Thank you to our sponsor PEAK ENT!

What should you be working on this month?

✓ You should have your topic chosen.

✓ You should be researching your topic.

✓ You should be designing your experiment/
brainstorming your prototype.

Make sure you are taking notes in your lab book!!

✓ You should fill out the permissions form if you need to! Forms are in the office.

(Human test subjects, microbes, animal test subjects, harmful or dangerous materials.)

What's Next...

Complete your experiment/design
Create your Journal and Display Board
Register for the Wasatch STEM Fair
(registration information available Nov. 1)

STEM Fair Requirements

All participants must have the following:

1. Lab Book

The lab book can be any kind of note-taking material. The purpose of the lab book is to keep track of all your notes, data, and information as you are working on your project. It does not need to have any details specifically, but should show evidence of you working on your project over time.

You

2. Journal

The Journal is your final written presentation of your project. It should be neat, organized, and detailed. The journal can be hand-written or typed. You can include more pictures in the journal than may fit on the display board.

3. Tri-Fold Board Display

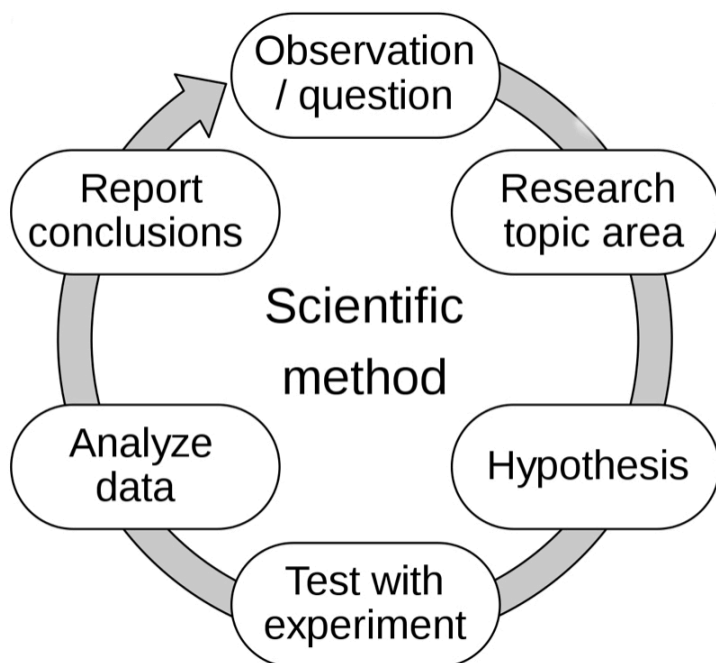
The Display board is designed to show an overview of your project for the judges. You should have your project title clearly displayed and then each part of the Scientific Method or Engineering Design process represented. You should include pictures, diagrams, and graphs.

All projects must follow either the Scientific Method or the Engineering Design Process:

Scientific Method

The Scientific Method is used when answering a question and performing an experiment to find an answer to the question.

The Steps of the Scientific Method are:



Engineering Design Process

The Engineering Design Process is used to solve a problem by designing and testing a prototype to solve the problem.

The Steps of the Engineering Design Process are:

