

## Science Fair Checklist

### **Make sure you do the following:**

- Uses a standard tri-fold poster board. (Acceptable sizes: 24" x 36" OR 28" x 40" OR 36" x 48")
- Has a one line title at top of poster. It is clearly visible.
- Includes name, grade level, rubric, & checklist on the **backside** of poster in marker
- Includes section titles in bold, centered, and one line of text only
- All information on board is typed
- Text is single, or 1.15 spaced (16 point font)

### **Images/Graphs (Diagrams):**

- All should have a title and description
- Any image/graph larger than **5"x 7"** needs teacher approval (initials \_\_\_\_)

*\*\*\*ASK IF YOU WANT TO INCLUDE A LARGER IMAGE!*

### **Bibliography:**

- Every image has its source stated in the bibliography
  - Every source listed in the bibliography must be cited in the text
  - Bibliography and in-text citing are consistent with those in ELA class
- \*\*\*For examples, ask ELA or Science teachers, or check the website <highlinescience.weebly.com>*
- Only valid sources count towards total and must include primary sources (peer-reviewed articles)

### **Please do NOT include:**

- A separate "fun facts" section - put the fun facts INTO your writing!
- A separate vocabulary section - define words in the text if needed
- Absolutely no 3D objects attached to poster board - props or displays for presenting may be brought separately

### **Professional Considerations:**

***(The following are guidelines to help you achieve an advanced score)***

- Uses entire board effectively. That means:
  - Keep empty space to a minimum
  - Keep your board clean (tape pages down if you want to revise; only glue on final submission)

## **Welcome to the 2018 Highline Science Fair!**

Sixth graders: You get to embark on a research project related to Earth and Space Science. This topic has a wide range, so you won't feel limited. We will have one research project that includes extra support for those who want that option. This is a graded project focused on deepening your understanding of one area of study Science has journeyed.

Seventh graders: You get to do an experiment this year! It can be any kind of experiment; it can, but does not have to be, related to Life Sciences. You will have the option to build off of an experiment we will do in class this month, if you would like a higher level of support. This project will be graded, have a research component, and is focused on engineering and design standards for middle schoolers.

Eighth graders: While we encourage you to do a project this year, you have the option to participate. Those who take part may choose either an experiment or a research project related to any of the Sciences. This extension project will be for an additional grade, but will not count against those who opt out. All middle school students, led by you veterans, will set a standard of excellence and peer encouragement. Only with your help can we have an exciting atmosphere for this event.

*\*\*\*In lieu of places this year, everyone's project will be shown in the school hallways and at a school function open to the public. The tentative date for this is: FRIDAY, April 6th.\*\*\**

### **Science Fair Deadlines:**

- Friday, 1/12 - Project proposal and one resource.
- Friday, 1/19 - Research notes and sources list, correctly cited (examples to follow)
- Friday, 1/26 (Experiment) - Lab write-up: includes the problem, hypothesis, materials, procedure, and the start of data collection.
- Friday, 2/2 (Research) - Rough draft in scientific language. Includes an introduction + history/background information, elements of the topic and how scientists study, any new findings or where the field of study is currently headed, and conclusion.
- Rolling conferences in February.
- Friday, 3/2 - Display boards due. These should be finished products, edited and ready to "WOW!" your educators and peers with new knowledge.

*\*For any finished product that is not, in fact, finished, students will have the week before spring break to redo their board. This is not recommended. That week they will be in homework support to ensure sufficient additional work time.*

We so look forward to lightly guiding and watching your process, and seeing what you work hard to learn and write about, design, test, and uncover. Happy investigations, everyone!!!