

Fred Assam Elementary Science Fair

Monday, January 28, 2019

Fred Assam Elementary from 4:30-6:00 PM

Kindergarten through First Grade may do an experiment or a demonstration. They may also display models, collections, or the results of an observation

Second through Fourth Grade must do an experiment following the scientific process. If you don't know what that means see your teacher or contact Stacia.Ericsson@k12.sd.us or Gina.Sershen@k12.sd.us

The Scientific Process: Question/Problem, Hypothesis/Educated Guess/Research, Experiment/Procedure/Materials, Results/Data Collected, and Conclusion

Explore...Learn...Discover!

Science Fair Sign up- Must be registered in the FAE office
by **Friday, January 11, 2019**

Science Fair Day- Monday, January 28th

7:00- 8:00 AM Students participating in science fair **bring projects and a card table** to the commons and set up your display at assigned spot. All classes at FAE are welcome to come to the commons during the day to view displays and learn what our scientists studied!

4:30-6:00 Public Viewing- Parents, students and guests are welcome to attend this special event to learn about our scientific world.

4:30-5:45 Judging- Students will need to be at their display area to be judged and answer questions. Judges will turn in score sheets to check in desk to be tallied.

5:45-6:00-Awards Ceremony- Students, parents and guests are welcome to attend the awards ceremony and take pictures of the scientists on the podium and honor our student scientists!

Top Five Science Fair Tips

1. Choose something you're interested in.
2. Don't forget to check out your science textbook in your classroom. They are full of experiments you can do. Or look online!
3. Try to select a challenging project that's neither too hard nor too easy.
4. If your topic has many variables that might be tested, identify the one best variable that you will test.
5. Start your log on the first day of your project. Judges are more impressed with a real log rather than something that was printed up the night before.

Project and Display Rules

1. The project display must be sturdy and self-standing with no hazardous construction.
2. No attachment to walls allowed.
3. No open flames are permitted.
4. No running water is available.
5. No live animals (vertebrate or invertebrate) may be displayed.
6. No preserved animals, animal parts, or animal tissues may be displayed.
7. No human parts may be displayed.
8. No microbial cultures or fungal cultures may be displayed. Any liquids used must be in an unbreakable, sealed container.
9. No syringes, pipettes, or other similar devices may be displayed.
10. Display of valuable items is discouraged. (FAE Science Fair assumes no responsibility for lost or damage to any project or project part.)
11. Fair officials reserve the right to remove any project that does not follow the rules of that division or that is deemed objectionable or hazardous.

Science Display Sample



Science Fair Judge's Questions

The following are questions that a Science Fair Judge might ask each participant:

- Tell me about your project.
- What did you find out or what was your conclusion?
- How did you come up with your idea?
- What did you learn?
- What resources did you use in making this presentation?
- How can you use this year's project to make a project next year?
- If you repeated the experiment would the results come out the same?
- How did you determine your controls (variables)? OR in your experiment, what was the control? OR What are some of the things you were careful not to let change as you did the experiment?
- What procedures did you follow? OR How did you conduct your experiment?
- Were any of your results unexpected?
- What data do you have to back up your conclusion?
- What practical applications or future use does your work have?

