

BSAA Science Project Proposals

Submitted by Kristin Myers and used in cooperation with the University of Illinois at Urbana-Champaign.

The materials that appear in this document may be freely reproduced for educational/training activities. There is no requirement to obtain special permission for such uses. We do, however, ask that the following statement appear on all reproductions:

BSAA Science Project Proposals, by Kristin Myers

Materials produced for classroom use in conjunction with permission from the University of Illinois Agricultural Education Program.

This permission statement is limited to the reproduction of material for educational/training events. Systematic or large-scale reproduction or distribution (more than one hundred copies per year)—or inclusion of items in publications for sale—may be done only with prior written permission. Also, reproduction on computer disk or by any other electronic means requires prior written permission. Contact the University of Illinois Agricultural Education Program to obtain special permission.

The University of Illinois and its affiliated entities, in addition to the individual submitting the materials, assumes no liability to original work or activities therein.



Agricultural Education Program
College of Agricultural,
Consumer and Environmental Sciences
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

BSAA SCIENCE PROJECT PROPOSAL (Animal Science)

- Well, here it is!!! Finally you are going to get to design your own science experiment involving animals.
- This project will be worth 175 points.
- You may work in pairs or groups of three.
- You must have a proposal outlining your research problem and your plan for the experiment. This proposal is due by **Tuesday, February 19th**. This proposal must contain all science connections questions (5) as well as the materials and procedures that you will be using in the experiment. I ask that you provide the majority of the materials you will need. However, please let me know in your proposal if there are materials you need me to provide. Along with the research problem, science connections questions, materials and procedures, you must include a hypothesis.
- The outline of your experiment is worth **25 points**.
- After approval by Mrs. Myers, you may begin your experiment. You and your partner must keep accurate data throughout the duration of your project. This experiment is to be done outside of class with the help of only your partner. If you have questions though, please do not hesitate to ask me!!! You must keep your project and all findings a secret until the day of your paper and presentation. This will allow for each project to be creative and original!!
- As we approach the end of the year, you will need to present your findings to the rest of the class. You will be responsible for giving a **10 minute presentation** on your project outlining your experiment. You will also need to present all of your data at this time. You will need to present a table presentation (with pictures) of your data as outlined by Mrs. Myers.
- This presentation will be worth **50 points. (Presentations will begin the week of May 13th)**
- You will need to turn in a folder of your research (5 items) at the time of your research report. In the folder should also include any other information that you used for your research report.
- This folder will be worth **25 points**.
- Lastly, you will be responsible for typing up a laboratory report using the standard format.
- The lab report on your research is worth **75 points**.

BSAA SCIENCE PROJECT PROPOSAL (PLANT SCIENCE)

Well, here it is!!! The moment you have been waiting for all of your lives!!!!

Finally, you are going to get to pick a topic and design your own science experiment.

1. This project will be worth **175 points**.
2. You may work in pairs or groups of three.
3. You must have a **typed** proposal outlining your *research problem* and your plan for the experiment. This proposal is due by **WEDNESDAY, October 10th**. This proposal must contain *all science connections questions* (5) as well as the *materials* and *procedures* that you will be using in the experiment. I ask that you provide the majority of the materials you will need. However, please let me know in your proposal if there are materials you need me to provide. Along with the research problem, science connections questions, materials and procedures, you must include a *hypothesis*.
4. The typed proposal for your experiment is worth **25 points**.
5. After approval by Mrs. Myers, you may begin your experiment. You and your partner must keep accurate data throughout the duration of your project. This experiment is to be done outside of class with the help of only your partner. If you have questions though, please do not hesitate to ask me!!! You must keep your project and all findings a secret until the day of your paper and presentation. This will allow for each project to be creative and original!!
6. As we approach the end of the semester, you will need to present your findings to the rest of the class. You will be responsible for giving a **10-minute presentation** on your project outlining your experiment. You will also need to present all of your data at this time. You will need to present a table presentation (with pictures) of your data as outlined by Mrs. Myers.
7. This presentation will be worth **50 points**. (**Presentations will begin the week of December 3rd!!**)
8. You will need to turn in a folder of your research (5 items) at the time of your research report. In the folder should also include any other information that you used for your research report.
9. This folder will be worth **25 points**.
10. Lastly, you will be responsible for typing up a laboratory report using the standard format (one per group). The lab report is worth **75 points**.
11. We will complete a peer evaluation at the end of the project.