

Global Ecology House Senior Project

2018-2019

As a culminating project in the Global House, all seniors will complete a senior project. This is a chance for you to pursue an area of interest that is related to environmental issues. All Global students must complete a senior project in order to receive the Global Ecology Certificate and tassel at the end of the year.

Global Senior Project Proposal

Name _____ Partner's name _____

Name, phone number, and email of sponsor

Environmental Problem/Topic: _____

Testable question: _____

Brief description of the project: _____

List the specific tasks and products you will complete

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

Timeline: Use the chart below to schedule your major deadlines

Date	Task
June	Turn in Project Plan Sheet with all information and signatures
9/14	Intro due
9/14	Bibliography Due (5 sources)
9/28	Methods Due
1/18	Project Due (Timesheet, Data/Analysis, Discussion, Final Bibliography, Abstract)
TBD	Poster Due
TBD	Present Project in the media center

I understand that the senior project, and passing AP Environmental Science, is a requirement to receive the Global Ecology House certificate and tassel. It is my responsibility to complete **all** aspects of this project (requirements are listed on the back of this sheet), overcoming obstacles that come up and asking my sponsor, teachers and other people for advice and assistance when necessary.

I understand that the senior project should be completed outside of the normal school day. It does require sacrifice, adjustment of student and family schedules to accomplish all of the details, and the student's own transportation.

Student name

Parent/Guardian name

Student signature

Parent/Guardian signature

**Please note that your topic must be approved and this form signed by Ms. Binns and Ms. Robichaud BEFORE beginning your project.*

I. *Senior Project Proposal Signed (Due before you leave for the school year)

II. Project/Paper

Abstract (Due 1/18)

- A brief (<200 word) paragraph that highlights your research

Introduction ~ 3-4 pages (Due 9/14)

- Discuss the environmental problem you wish to address in your project.
- Include your hypothesis.
- Cite at least two peer reviewed journal articles. (Use JSTOR, EBSCO, etc. These databases can be found on the PHS Media Center's Edline page.)
- Submit to Turnit in.com

Initial Bibliography Due (Due 9/14)

- 5 sources; cited correctly in APA

Method/Project Proposal ~ 3 pages (Due 9/28)

- Create and describe a plan for your project.
- Include a discussion of the data you will collect and describe how you will analyze this data.
- Cite case studies (at least 3) related to your topic. Use these to create your plan.
- Submit to Turnit in.com

Project Implementation/Data Collection (Due 1/18)

- Take pictures of you implementing your plan.
- Collect raw data.
- Log of at least 25 hours spent working on the project

Results/Data Analysis (Due 1/18)

- Keep your results separate from your discussion.
- Your results should be summarized neatly in tables, graphs, etc., as well as in words. Lengthy tables of raw data should be placed in an appendix.

Discussion/Conclusion (Due 1/18)

- Summarize your data with regard to your initial hypothesis.
- Use appropriate supporting or contradictory literature.
- Analyze the effectiveness of your project and include weaknesses or sources of error.
- Sponsor evaluation completed and returned to Ms. Binns.
- Submit to Turnit in.com

Final Bibliography Due (Due 1/18)

- All sources used, cited correctly in APA

III. Project poster created and submitted to Ms. Blair (Due TBD)

- Guidelines and poster dimensions will be on Edline.