**Carson Graham Science 11 Group Project**

**Project Proposal and Key Mileposts**

This exercise is meant to help create a focus for your group’s project and assist in planning a strategy for successful completion of that project. Don’t think of this record as “extra work” or being “set in stone;” it is meant to be a natural progression in the planning process and is completely open to alteration. As teacher mentors we simply want to assess where your group is at in the process and to provide useful feedback.

Assigned Teacher Mentor:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Group Members:

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Contact Person)

Contact email:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

The project is designed to get your group thinking about the practical use of science to address the issue of **preservation and sustainable use of our water systems**. “Global” may be far too big to swallow, so perhaps focus on a community, specific members within a community, or region of interest. The obvious first step is to brainstorm ideas about the problems creating the situation in the first place; **degradation of our oceans** simply being a symptom of underlying causes. You might be very much surprised by the actual causes of these problems once you do some research!!! Now focus on those underlying causes and hypothesize some potential ways to resolve those causes using the principles of physics, chemistry, biology, and geology. Once your group has gone through the brainstorming process, you are now ready to start filling in your Project Proposal below…

**Project Proposal**

**Section I**: Due by the end of today’s session!

Checked by Mentor:\_\_\_\_\_\_

1. Description of the problem (including pertinent geographical information and those impacted negatively by this problem):

\*\*Decide, as a group, which of your brainstormed ideas will be the focus of your project

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1. Description of the potential solution:

\*\*Make certain you are attempting to create connections to science. Do not forget that in the end your video product will ***explain*** the science and not just describe it!

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1. Description of potential impacts, both positive and negative.

\*\*This portion of your project will most likely become much more clear once you research…

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1. Next steps:

\*\*Decide what needs to be done in order to have a finished product on the due date, **Feb 27**. Be detailed here; include everything from practical tasks (researching/finding technology/filming/etc.) to organizational tasks (scheduling meeting times/where to do things/contact info for everyone/etc.)

|  |  |  |  |
| --- | --- | --- | --- |
| What needs to be done… | Person(s) in charge/responsible for the task… | Completion date… | Completed Mentor Initials |
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**Section II**: To be completed during the weeks **February 7 - 18th**

**Instructions**:

* Find a 5-10 minute time when your group (in its entirety!) can meet with your project teacher mentor.
* The teacher mentor will record answers to the following:
  + Where the group finds themselves in terms of the completion rate of their initial task list (teacher signs their initials if the task was completed)
  + What percentage of the filming and editing has been done?

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

* + Which of the following best describes your current status towards a finished project:

□ Well behind schedule

□ Slightly behind schedule

□ Right on schedule

□ Slightly ahead of schedule

□ Well ahead of schedule

* + What words describe the roadblocks, if any, that have hindered the group’s ability to complete their project.

**Only fill in the next section if there have been changes to the original statements.**

* Description of the problem (including pertinent geographical information and those impacted negatively by this problem):

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* Description of the potential solution:

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* Description of potential impacts, both positive and negative.

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