



Allen High School

Group IV Guidelines 2009-2010

1. Group IV is the **interdisciplinary** exploration of a topic, thus teams will consist of at least one person (where possible) from Biology, Chemistry and Physics. **You have been preassigned to groups. You will not be allowed to change groups.** Some groups may not have Chemistry or Biology students since there are so few.
2. **Each person** in the group will design an experiment within the topic that fits within his or her discipline.
3. The topic can be set in a local, national, or international context.
4. It is expected that roughly 15 hours be committed to this project, **but no fewer than 15.**
5. **Each student** is expected to turn in the following:
 - **DUE BEFORE YOU LEAVE THE LIBRARY TODAY:**
 - **A planning guide, one per group:** to Dr. Leggett. This is your "ticket out" of the library today!
 - **DUE BY DECEMBER 1, 2009:**
 - **A log sheet** (or log sheets) **carefully** documenting the time spent on the project. You must document **WITH INTEGRITY** time spent working on your Group IV project. Log sheets can be found at <http://www.thebiologyspace.info>.
 - **Raw and processed data.** Since you will be assessed using the internal assessment guidelines, you will need to turn in any data you collect.
 - **DUE BY DECEMBER 9, 2009:**
 - **A hard copy of the project for the portfolio** - this can simply be the information you put on your poster presented at the poster session.
 - **A full poster.** This will be presented at a poster session in December. See examples at <http://www.thebiologyspace.info> to get an idea of what should be done.
6. **You will receive a grade from your IB science teacher for the Group IV project.** You will be assessed according to the IB Internal Assessment Guidelines.
 - You will receive a second test grade in the 3rd six weeks for the poster and presentation. Group IV Presentations will be held on December 9, 2009 in the AHS library at 6:00 pm and **CANNOT BE MISSED.**
 - **Twenty-five percent (25%) of the test grade you will receive for this project will come from peer evaluation.** This grade will be determined by self-evaluation and peer evaluations which are based on the IB Personal Skills rubrics. In order to receive the grade, you must evaluate each member of your group as well as BE evaluated by each member of your group. Additionally, **the only time you will be**

assessed for Personal Skills is during the completion of the Group IV project.
This document will be found at: <http://www.thebiologyspace.info>. You will need
to print and complete one form per person (including yourself) in your group.

Proposed Group IV Schedule: Please note that this schedule is subject to change. If so, you will be notified.

Date	Place	Purpose
October 13, during 1st, 2nd periods	Library	Teams assigned, topics chosen, investigation question and tentative experimental design determined per student.
December 1, 2009	A109	Sign up for food/drink for poster session
	Your own teacher	Turn in copies of your completed raw data prior to the presentation.
December 9, 2009	Library	Posters due to the library by 5:30 pm. <u>YOUR GROUP MUST HAVE ONE TO TURN IN BY THIS DATE.</u> No posters will be accepted after this time! Final Group IV projects for each student will be turned in to individual students' teachers.
	Your own teacher	Self and peer evaluations due.
	Library	Poster Session. Parents, friends, other luminaries invited. ☺