



The Group 4 Project

Introduction & Explanation

Fall 2023

What is the Group 4 Project?

The group 4 project is an interdisciplinary activity in which all Diploma Programme science students must participate.

- IB Chemistry & IB Sports Exercise Science
- Attendance is mandatory (we will give you dates so you can plan things like college visits)

The intention is that students from the different group 4 subjects analyse a common topic or problem.

The exercise should be a collaborative experience where the emphasis is on the processes involved in, rather than the products of, such an activity.

Stages of the Group 4 Project

Planning

You will be put into small groups (mix of Chem and SES)

This stage must involve all group 4 students meeting to “brainstorm” and discuss the central topic, sharing ideas and information.

- 1/2 day ‘field trip’ in school (locations to be determined)
- Get into your groups and brainstorm the ‘problem’
 - In this case you’ll be trying to diagnose patient illness based on a small set of data

Stages of the Group 4 Project

Action

- There should be collaboration during the action stage; findings of investigations should be shared with other students within the mixed/single-subject group.
- A significant portion of this work will be done outside of our 'field trip' through collaborative work (assign roles).
- Google Slides presentation

Stages of the Group 4 Project

Evaluation

- The emphasis during this stage, for which two hours are probably necessary, is on students sharing their findings, both successes and failures, with other students. How this is achieved can be decided by the teachers, the students or jointly.
 - One solution is to devote a morning, afternoon or evening to a symposium where all the students, as individuals or as groups, give brief presentations.
 - Another 1/2 day 'field trip' - location TBD