

THE GROUP 4 PROJECT

SUMMARY:

The Group 4 Project allows students to appreciate the environmental, social, and ethical implications of science. It may also allow them to understand the limitations of scientific study, for example, the shortage of appropriate data, the lack of resources. The emphasis is on interdisciplinary cooperation and the process involved in scientific investigation, rather than the products of such investigation.

The project should be a collaborative experience where concepts and perceptions from across the Group 4 disciplines are shared. The intention is that students analyze a topic or problem, which can be investigated in each of the science disciplines offered by a school. The topic can be set in a local, national, or international context.

PROJECT STAGES:

The Group 4 Project is allocated 10-15 hours and can be divided into four stages: Reflection and planning, Definition of Activities, Action and Evaluation. Each student will be required to keep a journal documenting work and time involved in the project.

REFLECTION AND PLANNING (2 hrs)

- All students involved meet to “brainstorm” and discuss the central topic with ideas, scientific concepts, and information being shared.
- The topic can be chosen by the students or selected by the teachers.

DEFINITION OF ACTIVITIES (2 hrs)

- Students define specific tasks for their group and determine the various aspects to be investigated within the chosen topic.

ACTION (8 hrs)

- Students investigate/perform the aspects of the topic chosen to be studied.
- All findings (successes and failures) of the investigations should be shared with other members of the group.
- It is important that special attention is paid to safety, ethical, and environmental considerations.

EVALUATION (2 hrs)

- Each member of the group is required to submit a report outlining the groups’ work.
- Each member will be grading their partners in Personal (a) and Personal (b) aspects using the rubric.
- Each group will be responsible for a brief presentation, may need the aid of overhead projector, charts, video player, or PowerPoint. Date and time has yet to be determined.

Name _____
Teacher _____

Group IV Project Log

Date	Time (hours)	Activity (Be relatively specific)

Teacher approval: _____ Total Time: _____

