

Grade 9 Science Summative Evaluation 2009-10

This project will involve creating a presentation in a group of two. In your group of two you will also create a one page (Maximum 8.5" x 11" double sided) summary of the information your group is presenting. This summary will be handed in on April 1, 2010 as well as a bibliography in M.L.A. format. The marking scheme is attached to this page! Be sure to hand it in as well.

Presentations

You will choose from one of the topics on the back of this page or in consultation with your teacher, you may develop your own topic. Every group in your class will have a different topic.

- Ⓢ You will create a 10 minute presentation that goes deeper into your topic, beyond the introduction in your textbook. Your teacher will outline for you the different formats available for your presentation
- Ⓢ You will include diagrams, charts, or pictures that help explain your topic.
- Ⓢ Each of you will also answer the following question
How is your topic related to or an extension of, the material covered in the Grade 9 Science course. You must have two different answers, one for each person.
- Ⓢ You will prepare a 1 page summary (Maximum 8.5" x 11" double sided) of your topic, which you will need to copy and distribute to your classmates.

There will be a Making Connections section on the Final Exam in June that is based on the information presented in these presentations!

Presentation Outline and Student Work Log

You will hand in an outline of your presentation as well as the student work log on February 25 or 26, 2010.

Presentation Due Date and selection of topics

Presentations are due the week of **April 6-9th**. You will sign up for a specific date, once you have chosen a topic. **YOU WILL NOT BE ABLE TO CHANGE YOUR TOPIC , OR THE DATE OF YOUR PRESENTATION AFTER JANUARY 8, 2009.**

Please be aware that you are being evaluated individually. If your partner is absent, for any reason, on the day of your presentation you will present your part on your own.

If you are absent on the day of your presentation due to a personal illness, you must provide a medical certificate from your doctor to your vice-principal, in order to avoid a mark of zero. If your presentation is not ready on your selected due date, then you will only be permitted to hand in your 1 page outline, however you will receive a mark of zero for the presentation portion. This is a summative evaluation thus there are no extensions of due dates, for the presentations.

You will submit, your presentation in what ever format you have chosen (poster, pamphlet, script, or CD if power point), on your presentation due date.

Topics ~ Circle your topic

Ecology Topics:

Vegetarian Diet vs Meat Diet an Ecological Analysis
Deforestation
Urban Sprawl
Oil Spills the Ecological Impact
Green House Effect, Carbon and Climate Change
Acid Rain
Pesticides and Herbicides
Extinction Patterns (Including Historical)
Design an Ecologically Friendly Golf Course
Ecological Impact of Human Population Growth
National Park Management
Hunting Control and Regulation
Urban Plant Management (Forestry and Lawn Maintenance)

Electricity Topics:

Incandescent vs. Fluorescent Bulbs vs. LED
Biofuels
Photo Copiers
Electric Cars
Batteries
Power Generation
Energy Efficiency and Conservation Practices in your home
Circuits in your home
Solar power
Dryer sheets, the Swiffer and other static based products
Energy Efficiency in Home Electronics and Appliances
MAGLEV Trains

Space Topics:

Scientific Origins of the Universe
Telescopes
Satellites
Planning a Mission to Mars
Black Holes, Supernovas, nebulas, worm holes and other rare space objects
International Space Station
Dark Matter
Stonehenge and Astronomy

Chemistry Topics:

Chemical in your Home	Mining and Metal Extraction	Ozone layer and CFC's
Fireworks		Radiation and it's Uses
Combustion of Fossil fuels and Air Pollution	Corrosion Prevention	
Plant Nutrients and Fertilizers	Materials Chemistry	

Summary of Important dates

January 8, 2010 - Finalize your Topic
February 25 or 26, 2010 - Presentation Outline, Work Log and Checklist due
April 1, 2010 - One page handout of presentation summary due.
April 6-9, 2010 - Presentations in class

Presentation Outline - Due on February 25 and 26

Student A: _____ Student B: _____

Describe the nature of your presentation.

Write a tentative agenda for your presentation.

Student Work Log

Complete the table below outlining the responsibilities/tasks completed by you and your partner. Attach all of your rough notes to this sheet. Your notes must clearly identify the source of information. **(Do not simply print text information from a website)**

Student A:	Student B:

Bibliography of Resources

List at least 3 electronic resources and 1 print resource in M.L.A format below. 1 resource **must** be a current news article related to your topic (ideally within the last year, but no more than 3 years old). Please Provide a summary of your article in your presentation.

How is your topic related to the grade 9 science course?

Student A Response

Student B Response

Work Log Mark

	Stage 1	Stage 2	Stage 3	Stage 4	Mark (Stage x 2.5)
Communication	Work log is incomplete. Communicates very little understanding of topic and project.	All sections of work log are complete. Work log lacks details and is vague. Work communicates some understanding of the topic and project	All sections of work log are complete. Work has some details, and communicates good understanding of the topic and project	All sections of work log are complete, with details that communicate a thorough understanding of the topic and project.	/10

Grade 9 Science Summative Evaluation Marking Scheme 2009-10

Communication

Student A:

Student B:

Information is Not read,
and is easily understood
by the audience (P4)

0 1 2 3 4

0 1 2 3 4

Information is appropriate
for grade 9 Science
students (P3, H1)

0 1 2 3 4

0 1 2 3 4

Communication demonstrates
effective use of appropriate
scientific terminology (P3, H1)

0 1 2 3 4

0 1 2 3 4

Diagrams, charts or
pictures are clear and
related to the topic. (P2, H2)

0 1 2 3 4

0 1 2 3 4

Bibliography includes both
electronic and book sources
in M.L.A format (H4)

0 1 2 3 4

0 1 2 3 4

1 page summary clearly
articulates most important
information (H4)

0 1 2 3 4

0 1 2 3 4

Work Log Mark

/10

/10

Summary of Recent Article

0 1 2 3 4

0 1 2 3 4

Total Communication Mark

_____/38 Marks

_____/38 Marks

Making Connections

Clear and meaningful
connection is made to
The Grade 9 Course
(P4, H1)

0 1 2 3 4 5

0 1 2 3 4 5

Total Making Connections Mark

_____/5 Marks

_____/5 Marks

Teacher Comments:

(P - Presentation Marks, H - Handout Marks)

Total Mark:

_____/43

_____/43

Student Summative Project Planning Checklist Date: _____

Producing an excellent presentation requires the use of organizational skills, time management, and planning. To help you with this process you will be required to complete the following checklist to keep you on track for success.

Student A: _____ Student B: _____
Phone #: _____ Phone #: _____
Email: _____ Email: _____

Have you visited the school library? Yes or No
Dates of Visits: _____

What potential resources have you found? Please list below.

Have you visited the community public library? Yes or No
Dates of Visits: _____

What Potential Resources have you found? Please list below.

Have you searched online for information on your topic? Yes or No

What potential resources have you found? Please list below.

When and where will you and your partner be meeting to put your presentation together? Please list dates and locations below.

What other tasks need to be completed and who will complete them in preparation for your presentation? Please list below, along with the name of the person responsible for each task.

This checklist will be submitted as part of your rough notes with your presentation outline on February 25 or 26.

Checklist for work log Submission

Topic: _____

Student A Name: _____ Student B Name: _____

Date: _____

Please attach your work log to this cover page. Before you submit your work log please ensure you have completed the following tasks.

- Presentation outline is complete
- Bibliography of resources is listed in MLA format on outline
- Title of your recent article, with a short summary paragraph is complete and attached
- You have attached all your rough notes for your project
- You have completed the Summative Project Planning Check list and it is attached