

EXPERIMENTATION

Exhibit number: : _____ 1 2 participants **2001 EDITION**

Level: Junior (Sec. 1-2) Senior 1 (Sec. 5, General Cegep 1, less than 21 years of age)
 Intermediate (Sec. 3-4) Senior 2 (General Cegep 2, Professional Cegep or University, less than 21 years of age)

Categories: Life Sciences Human Sciences Applied Sciences and Technology
 Physical Sciences Biotechnologies Earth and Environmental Sciences
 Computer Sciences and Mathematics

Project Title: _____

Exhibitor Name(s): _____

Scientific Value

Identifying the Problem (maximum of 10 points)

The problem has been well researched (the field literature has been reviewed)4 3 2 1 0
 The problem is well defined (relevant queries on a given phenomenon)3 2 1 0
 The objectives of the experiment are clearly stated3 2 1 0

Establishing the Working Hypothesis (maximum of 3 points)3 2 1 0

Preparing and Following up on the Experimental Protocol (maximum of 15 points)

Variables under study are well identified.....4 3 2 1 0
 The experimental protocol has been well described.....4 3 2 1 0
 The scientific apparatus is well-suited for the task and is used properly.....2 1 0
 The chosen approach is innovative.....5 4 3 2 1 0

Analysing and Interpreting Results (maximum of 20 points)

The resulting data is used properly.....5 4 3 2 1 0
 The reasoning is sound (structured links established across results)6 5 4 3 2 1 0
 Explanations are coherent.....4 3 2 1 0
 Appropriate terminology is used2 1 0
 Errors are recognized and appropriate adjustments are made.....3 2 1 0

In Conclusion (maximum of 12 points)

Summary (the main points of the analysis are reviewed).....3 2 1 0
 Recommendations and suggested follow-ups are mentioned.....4 3 2 1 0
 The experiment is put into broader perspective (possible applications)5 4 3 2 1 0

Total 60

Written Report

The various report components are included (title page, introduction, table of contents, development, conclusion, bibliography).....2 1 0
 Contents (project summary).....4 3 2 1 0
 General presentation (quality of language, neatness and easy-to-read text)2 1 0

Intellectual Honesty

The bibliography reflects the sources of information mentioned in the text2 1 0
 The terminology and the style used are consistent with the exhibit activity2 1 0

Total 12

Visual Presentation

The visual aids properly support the exhibit activity and public comprehension5 4 3 2 1 0
 The visual aids are clearly laid out (they are readable, and presented in an orderly fashion, facilitating the public's understanding of the demonstration)4 3 2 1 0
 The concept is uniform.....3 2 1 0

The written language and terminology used are of high quality2 1 0 _____
Total 14

Exhibit activities

The presentation is dynamic (exhibitors are genuinely enthusiastic
 about their achievement).....5 4 3 2 1 0

*Interaction with the public and time management (the exhibitors are able to elicit the public's
 participation and interest, properly answer queries and control
 the time allocated to their demonstration)6 5 4 3 2 1 0*

The proper terms are used and the subject matter is well popularized3 2 1 0 _____
Total 14

JUDGE NUMBER: _____

GRAND TOTAL 100

JUDGE NAME: _____

SIGNATURE: _____

DATE: _____

RESERVED: _____

29 mars 2001