

JUDGING FORM A (BOARD & NOTEBOOK ASSESSMENT)

PROJECT NUMBER

JUDGE

PROJECT TITLE

AUTORS

Scoring Guide:

E = Excellent G = Good S = Satisfactory I = Improvement Needed

DISPLAY (20 marks)

Attributes	E	G	S	I	Score
Impact: does the display catch your attention?	2	1.5	1	0.5	
Display contains a title, abstract, results, conclusion, christian perspective	2	1.5	1	0.5	
Neatness of the overall display	2	1.5	1	0.5	
Display is easy to follow	2	1.5	1	0.5	
The content of the display is self-explanatory	2	1.5	1	0.5	
The appearance of the lettering on the display	2	1.5	1	0.5	
Illustrations and/or models are clearly presented	2	1.5	1	0.5	
The display makes good use of the space allowed	2	1.5	1	0.5	
The overall appearance of the display	4	3	2	1	
Total	20				0

ABSTRACT (5 marks)

Attributes	E	G	S	I	Score
Is the abstract well written? (grammar, syntax, and spelling)	1	0.5	0.5	0	
Is the abstract concise?	1	0.5	0.5	0	
Does the abstract identify what the category of the project is?	1	0.5	0.5	0	
Does the abstract contain all important findings?	1	0.5	0.5	0	
Does the abstract give an accurate account of the project?	2	1.5	1	0.5	
Total	6				0

NOTEBOOK (10 marks)

Journals must be handwritten in a notebook

Attributes	E	G	S	I	Score
Appearance of the name(s), date and title on the cover of notebook	2	1.5	1	0.5	
Each entry is clearly titled and dated	2	1.5	1	0.5	
Written material is legible and neat	2	1.5	1	0.5	
The notebook is a complete journal of all work relating to the project including both successes and failures	2	1.5	1	0.5	
Notebook references sources used	2	1.5	1	0.5	
Total	10				0

OVERALL ASSESSMENT OF PROJECT AND DISPLAY (40 marks)

Topic of Research	E	G	S	I	Score
Study/Exper: Includes a <i>specific</i> question, answerable by research conducted					
Innov: Includes well-defined problem, that realistically affects mankind	1	0.5	0.5	0	
Includes hypothesis that shows evidence of research	2	1.5	1	0.5	
Topic seems unique/creative, and/or variables/research methods have been changed from previously designed research.	2	1.5	1	0.5	
Total	5				0

Scientific Research	E	G	S	I	Score
Research is evident throughout the project	1	0.5	0.5	0	
Scientific concepts relating to the topic are explained well and vocabulary relating to the topic is well-defined	1	0.5	0.5	0	
Research is used to design the procedures/plans	1	0.5	0.5	0	
Research is applied when analyzing results and in the conclusion.	1	0.5	0.5	0	
Multiple sources were used in research	1	0.5	0.5	0	
Total	5				0

Planning & Procedures	E	G	S	I	Score
Careful planning is evident throughout the project	2	1.5	1	0.5	
The plan/procedure/design is explained in a concise/clear way, it can be replicated with the information supplied	2	1.5	1	0.5	
The plan describes how results were measured/collected.	1	0.5	0.5	0	
Exper: Plan identifies the various variables (controlled, independent or manipulated, dependent or responding) and describes how often the research was repeated and/or the sample size of the research. Materials are listed.	5	4	3	2	
Study: It is clear where the information came from and how the results were compiled and organized					
Innov: Design is easy to read (labelled diagram). How the device/model was built is briefly described, frequency of testing and testing method is carefully explained. Materials are listed.					
For research involving human participants, consent forms are included and explain the project.					
For research involving animals, care was taken to ensure the animals' safety.					
Total	10				0

Results & Analysis	E	G	S	I	Score
There are suitable visuals that support the findings of the project these can include: charts, graphs, tables, pictures	3	2	1	0.5	
Exper: Change variables in comparison to control group is evident	6	5	4	3	
Study: The data shows evidence of a correlation, situation, or pattern					
Innov: The data clearly demonstrates if the design criteria were met successfully					
A paragraph that summarizes the results is included. This paragraph includes explanation of why the actual results were obtained and uses scientific reasoning and vocabulary (based on the research completed).	6	5	4	3	
Total	15				0

Conclusion	E	G	S	I	Score
Includes a clear statement whether the hypothesis was supported or disproved	2	1.5	1	0.5	
Explains what could be done better if experiment was redone	2	1.5	1	0.5	
Includes what could be studied next to continue researching this topic	1	0.5	0.5	0	
Total	5				0

Evaluate Christian Perspective paragraph on the front of Judging Form B. It will be used for a Christian Perspective Award.

Overall Score: Topic: 0 Research 0 Plan: 0 Results: 0 Conclusion = 0

JUDGING FORM B (INTERVIEW & CHRISTIAN PERSPECTIVE)

PROJECT NUMBER		Judge	
PROJECT TITLE			
AUTHOR(S)			

Scoring Guide:

E = Excellent G = Good S = Satisfactory I = Improvement Needed

Questions	E	G	S	I	Score
What does the title of your project mean?	1	0.5	0.5	0	
Why did you choose this project?	1	0.5	0.5	0	
What question did you try to answer with your project?	1	0.5	0.5	0	
Describe how you got your idea (or ideas) for your project and how you went about doing your project.	1	0.5	0.5	0	
Describe the results of your work.	1	0.5	0.5	0	
Do you think your project answered all your questions?	1	0.5	0.5	0	
If you could do it over again, what would you change?	1	0.5	0.5	0	
Did being a Christian affect your choice of project?	1	0.5	0.5	0	
Do you think believing in Jesus has made any difference to the way you think about this project?	1	0.5	0.5	0	
Has this project taught you anything about the role of science in your life?	1	0.5	0.5	0	
Total:	10				0

APPRAISAL (10 marks) (complete after interview with student(s))

Appraisal of Interview (10 marks)	Score
Satisfactory (mark: 6 to 7) Student understood most of the material and had little difficulty answering questions about the project	
Good (mark: 8 to 9) Student summarized the project well and answered with confidence the majority of the questions.	
Excellent: (mark: 10) Student explained the project well and answered all the questions clearly and logically.	
Total:	0

CHRISTIAN PERSPECTIVE (15 marks)

Appraisal of Christian Perspective in Interview (5 marks)	Score
Satisfactory (mark 2 to 3) Student expressed knowledge of God, and provided some insight into the importance of "doing" science from a Christian perspective	
Good (mark: 3.5 to 4) Student demonstrated an understanding of the role of faith in determining how science and technology are used for the benefit of mankind, and could comment on the importance of being a Christian in a scientific world.	
Excellent (mark: 4.5 to 5) Student demonstrated a Christian perspective throughout his/her project and interview, and could comment on the role of their Christian faith in developing personal goals, as well as the goals of science in the world.	
Total:	0

Appraisal of Christian Perspective on Display Board	E	G	S	I	Score
Paragraph includes an introductory sentence	1	0.5	0.5	0	
Details that apply to this specific project are included in the paragraph	3	2	1	0.5	
At least 2 of the following items should be covered:					
What was learned about God, His creation, or mankind's place in creation					
Our cultural mandate or living as good stewards is mentioned					
Sin and/or human weakness is recognized					
An appreciation for the gift of science and or research is expressed	6	4	2	1	

Total	10	0
--------------	----	---

Christian Perspective Overall score: Interview: 0 Display: 0 Total: 0

PROJECT NUMBER LEVEL JUDGE

PROJECT TITLE

AUTHOR(S)

SUMMARY OF MARKS

Display (20 max)	Abstract (5 max)	Notebook (10 max)	Overall (40 max)	Interview (10 max)	Appraisal (10 max)	Perspective (15 max)	Total (100)
0	0	0	0	0	0	0	0

CHRISTIAN PERSPECTIVE SCORE

Display (10 max)	Interview (5 max)	Total (15 max)
0	0	0

Judges Comments: