

# ONLINE PROJECT ASSESSMENT FORM 2020

## MATHEMATICS / THEORETICAL PROJECTS

PROJECT TITLE					Grade	Project Category
1. Introduction (20)	2. Method (20)	3. Results, Discussion, Conclusion (40)	4. Originality, Creativity, Value (12)	5. Written Presentation (8)	Initial Mark (100)	Final Mark after Discussion <b>(100)</b>
JUDGE'S NAME:					DATE:	

**Each item is worth 4 Marks**

SCORING: Give 0 / 1 / 2 / 3 / 4 mark for each of the items listed below, where:

- 0 = not done/no evidence/incorrect
- 1 = partial evidence, not well executed
- 2 = average. 50% achieved
- 3 = good
- 4 = excellent

### RESEARCH REPORT

<b>INTRODUCTION</b>		<b>TOTAL (20)</b>	
1	Key concepts are introduced, providing a good background to topic		
2	Relevant literature are reviewed		
3	Problem / issue / phenomena identified		
4	Purpose / aim is clear		
5	Research Question stated. Hypothesis is testable/falsifiable		

<b>METHOD</b>		<b>TOTAL (20)</b>	
6	Data collection method(s) are correct and appropriate for the study		
7	Variables / functions / mathematical relationships are identified		
8	Mathematical and/or theoretical concepts/techniques/principles/tools are used correctly		
9	Procedure explained and executed accurately. Procedure is repeatable		
10	Correct units / proof / factors / vectors used. Arguments are strong and logical		

<b>RESULTS, DISCUSSION, CONCLUSION, LIMITATIONS, FURTHER RESEARCH</b>		<b>TOTAL (40)</b>	
11	Data presented appropriately and accurately		
12	Describes how the data was analysed. Describes any data transformations/numerical techniques used		
13	Assumptions justified with theorems/ equations/ vectors/ arguments		
14	Patterns/trends/outliers are identified, interpreted and explained		
15	Discussion aligned with aim / purpose		
16	Cites literature and compares findings to other studies		
17	Significance/value of the results explained		
18	Limitations and errors are stated		
19	Further improvements / extensions / recommendations are suggested		
20	Hypothesis accepted or rejected. Conclusion is correct		

<b>ORIGINALITY, CREATIVITY AND VALUE</b>		<b>TOTAL (12)</b>	
21	No ethics violations. No evidence of plagiarism of ideas, text, images or any part of the research		
22	Knowledgeable about the field of study beyond the scope of the school curriculum		
23	Study that finds a new or improved solution or method or contributes to new knowledge Demonstrates critical thinking/problem solving/logical reasoning		

<b>WRITTEN PRESENTATION</b>		<b>TOTAL (8)</b>	
24	References are correct in the text and in the References section		
25	Research Plan, Project Report, and Abstract are well written, clear and logical		

**Please comment on:**

Plagiarism or ethics violations:

Improvements suggested:

Mentor recommended: