



Special Awarding Agency Judge's Scoresheet - 2021

Organization: _____

Criteria

- I. Research Question
 - VI. Creativity
 - III.
- II. Design and Methodology
 - V(a) Presentation

Project Number	Project Title	<i>Score each project relative to total points listed.</i>						Total
		I.	II.	III.	VI.	V.(a)	V.(b)	
1		10	15	20	20	10	25	
Comments:								
2		10	15	20	20	10	25	
Comments:								
3		10	15	20	20	10	25	
Comments:								
4		10	15	20	20	10	25	
Comments:								
5		10	15	20	20	10	25	
Comments:								

Criteria

I. Research Question II. Design and Methodology III. Execution IV. Creativity V(a). Presentation V(b). Presentation: Video

Project Number	Project Title	Score each project relative to total points listed.						Total
		I.	II.	III.	VI.	V.(a)	V.(b)	
6		10	15	20	20	10	25	
Comments:								
7		10	15	20	20	10	25	
Comments:								
8		10	15	20	20	10	25	
Comments:								
9		10	15	20	20	10	25	
Comments:								
10		10	15	20	20	10	25	
Comments:								

JUDGING CRITERIA FOR PROJECTS

Science

I. Research Question (10 pts)

- clear and focused purpose
- identifies contribution to field of study
- testable using scientific methods

II. Design and Methodology (15 pts)

- well designed plan and data collection methods
- variables and controls defined, appropriate and complete

III. Execution: Data Collection, Analysis and Interpretation(20 pts)

- systematic data collection and analysis
- reproducibility of results
- appropriate application of mathematical and statistical methods
- sufficient data collected to support interpretation and conclusions

IV. Creativity (20 pts)

- project demonstrates significant creativity in one or more of the above criteria

V.a. Presentation (10 pts)

- logical organization of material
- clarity of graphics and legends
- supporting documentation displayed

V.b. Presentation: Video (25 pts)

- clear and concise
- understanding of basic science relevant to project
- understanding interpretation and limitations of results and conclusions
- degree of independence in conducting project
- recognition of potential impact in science, society and/or economics
- quality of ideas for further research

Engineering

I. Research Question (10 pts)

- description of a practical need or problem to be solved
- definition of criteria for proposed solution
- explanation of constraints

II. Design and Methodology (15 pts)

- exploration of alternatives to answer need or problem
- identification of a solution
- development of a prototype/model

III. Execution - Construction and Testing (20 pts)

- prototype demonstrates intended design
- prototype has been tested in multiple conditions/trials
- prototype demonstrates engineering skill and completeness

IV. Creativity

- project demonstrates significant creativity in one or more of the above criteria

V.a. Presentation (10 pts)

- logical organization of material
- clarity of graphics and legends
- supporting documentation displayed

V.b. Presentation: Video (25 pts)

- clear and concise
- understanding of basic science relevant to project
- understanding interpretation and limitations of results and conclusions
- degree of independence in conducting project
- recognition of potential impact in science, society and/or economics
- quality of ideas for further research
- for team projects, contributions to and understanding of

