Austin Energy Regional Science Festival 2012

JUDGING CRITERIA FOR JUNIOR/SENIOR PROJECTS

Student(s) _____ School _____

Category _____ Row: Project # _____ Judge #_____

Title _____

		LEAST		HIGHEST
1. CREATIVE ABILITY				
A.	Idea for project	1 Assigned by teacher	3 Developed jointly with teacher	5 Originated by student
B.	Approach used	1 "Cookbook"	3 Followed directions	5 Devised own approach
C.	Analysis & interpretation of data	1 Minimal analysis	3 Notices relationships	5 Relationships clearly defined and implications noted
D.	Materials & development	1 Basic "Kit"	3 Basic with modifications	5 Student created
Students are judged on EITHER 2a OR 2b				
2a. SCIENTIFIC THOUGHT *for nonengineering-related projects*				
A.	Posing the problem	1 Problem not evident	3 Problem unclear or untestable	5 Testable problem
B.	Experimental design	1 No clear plan	3 Poorly organized plan	5 Logical approach
C.	Variables/controls	1 No variables or controls stated	3 Variables confounded or not clearly stated	5 Variables listed, controls used
D.	Conclusion	1 Unclear or inadequate conclusion	3 Weak conclusion not clearly supported by data	5 Conclusion clearly supported by project data
2b. ENGINEERING *for engineering-related projects*				
A.	Engineering goals	1 No clear goals established	3 Goals weak/incomplete	5 Goals clearly established
B.	Design criteria	1 No clear plan	3 Disorganized	5 Logical approach
C.	Feasibility	1 Neither workable nor economical	3 Workable OR economical	5 Workable and economical
D.	Relevance	1 No potential use	3 Unclear potential application	5 Potential application demonstrated
3. SKILL				
		1 Simple project poorly done	3 Simple project done well	5 Difficult project done well
4. THOROUGHNESS				
A.	Adequate data	1 Insufficient data to support conclusions	2 Adequate data	3 Abundant data; limitations noted
B.	Subject knowledge	1 Minimal knowledge of subject	2 Adequate knowledge of subject	3 In-depth subject knowledge relevant to work
C.	Further research indicated	1 None cited	2 Few questions or further applications noted	3 Suggestions for further study and applications noted
5. CLARITY OF COMMUNICATION				
A.	Exhibit display	1 Display information unclear, disorganized, or incorrect	3 Display somewhat clear and informative	5 Display information clear and well presented
B.	Written report & interview	1 Report missing or minimal information given	3 Report somewhat informative and moderate knowledge orally expressed	5 Concise, clear expression of knowledge, both written and oral
6. TEAM				
A.	Contribution of team members	1 Teamwork not evident	3 Members' roles not clearly demonstrated	5 Contributions of all members evident
B.	Coordinated efforts	1 Presentation not coordinated	3 Presentation somewhat coordinated effective presentation	5 Coordinated and

Fold sheet in half and place notes and comments on the back.