



Project ID# _____

Group Letter: _____

Electricity - Electronics Division

_____ **EL-1 Consumer Electronics** including kits: Entries in this classification involving discrete and/or integrated circuits related to audio, television, music, digital, communication, or other consumer products. Each entry must have a complete set of plans and/or schematics, an explanation of operation, and operating instructions. (Groups eligible to participate A and N)

_____ **EL-2 Electrical Wiring** including kits: This classification includes any entry which involves components used in commercial and residential wiring circuits that demonstrates (through the use of models) various circuits utilized. Each entry must have a complete set of plans and/or schematics, an explanation of operation, and operating instructions (if the operating procedure is not obvious). (Groups eligible to participate A, N and E)

Check Classification: Project Title: _____

Entry Checklist:

- _____ Complete Set Of Plans/Schematics Included
- _____ Explanation Of Operation Included
- _____ Operating Instructions Included
- _____ Source and cost of the kit is stated (Electricity/Electronic Kit)
- _____ Technical Report

Scoring Rubric

Each project will be subject to this checklist with negative points deducted from 100.

Category:	- 4 or more	- 3	- 2	- 1	- 0	Neg. Pts.
Functional & Well Designed						
Quality Wiring and Connections						
Accuracy & Neatness in Soldering &/or Assembly						
Adheres to and Incorporates Codes & Safety						
Complexity – Creativity - Originality	-3	-1	0	+1	+3	
Subtract Negative points from 100						Project Rating =

Judges may subtract more than the -4 at there own discretion.

Entry Violation: ____ Missing information. ____ No Technical Report: ____ (Total violation) ____

100-90 = I (blue) 89-80 = II (red) 79-60 = III (white)

Overall Project Score _____

- 2 or more pts. = shows effort, but more could have been done.

- 1 pt. = a very good effort - with minimal flaws or defects

- 0 pts. = excellent effort - no mistakes or visible flaws

Group (A) – Middle School; Grades 6th, 7th and 8th

Group (N) - Novice or Amateur: a person who is new to the circumstances, work, etc., in which he or she is placed; beginner; tyro: a novice in the entry area. This entry area is for the 1st year the student has entered in this project area.

Group (E) - is for the special needs students in Industrial Technology classes.

Student info / Project ID#. _____

School. _____

Instructor. _____