Honorable Mention	Bronze	Silver	Gold	Staple multiple forms together

Judging Form
(Senior Division Grades 9-12)

Name (Please print):	Project Title:	Project Score
	School:	

Written Project Report (20 Points)						Comments	Section Score
Appropriate Proposal	1	2	3	4	5		
Professional Presentation -- appropriate tables/graphs, figures -- proper writing mechanics (e.g. spelling, punctuation)	1	2	3	4	5		
Scientifically Written -- see format listed under "Submit a Full Report" -- appropriate scientific terms used	1	2	3	4	5		
Content Relates to Hypothesis	1	2	3	4	5		

Table Display (30 Points)						Comments	Section Score
Attention Getting / Design	1	2	3	4	5		
Neatness / Organization / Readability	1	2	3	4	5		
Effectively Presents Summary of Work	2	4	6	8	10		
Quality of the Project Content -- procedure tests or appropriately relates to stated hypothesis or purpose -- conclusion appropriate for data and hypothesis/purpose	2	4	6	8	10		

Oral Question Response / Oral Presentation (30 Points)						Comments	Section Score
Knowledge	2	4	6	8	10		
Ability to Explain Clearly and Concisely	2	4	6	8	10		
Relates Answer to Display Materials	2	4	6	8	10		

Level (20 Points)	…	L1	L2	L3	L4	Comments	Section Score
	0	5	10	15	20		

	Types of Projects		
	STUDY	*EXPERIMENT*	*INNOVATION*
	DEFINITION: A collection and analysis of data to reveal evidence of a fact, situation or pattern of scientific interest. It could include a study of cause and effect relationships or theoretical investigations of scientific data. Variables, if identified, may not be controllable, but an effort to make meaningful correlations is encouraged.	*DEFINITION:* An investigation undertaken to test a specific hypothesis using experiments. Experimental variables, if identified, are controlled to some extent.	*DEFINITION:* Involving the development and evaluation of innovative devices, models or techniques or approaches in fields such as technology, engineering, or computers (both hardware and software).
Level 1	Study of existing printed material related to the basic issue.	Duplicating of a known experiment to confirm the hypothesis. Hypothesis is totally predictable.	Building models (devices) to duplicate existing technology.
Level 2	Study of material collected through compilation of existing data and through personal observations. Display attempts to address a specific issue.	Extend a known experiment through modification of procedures, data gathering and application.	Make improvements to, or demonstrate new applications for existing technological systems or equipment and be able to justify them.
Level 3	Study based on observations and literary research illustrating various options for dealing with a relevant issue. Appropriate arithmetic, graphical or statistical analysis in relation to some significant variable(s).	Devise and carry out an original experiment with controls. Variables are identified. Some significant variables are controlled. Data analysis includes graphic presentation with simple statistics.	Design and build innovative technology or provide adaptations to existing technology that will have economic applications and/or human benefit.
Level 4	Study correlating information from a variety of significant sources that may illustrate cause and effect or original solutions to current problems through synthesis. Significant variable(s) identified with in-depth statistical analysis of data.	Devise and carry out original experimental research that attempts to control or investigate most significant variables. Data analysis includes statistical analysis.	Integrate several technologies, inventions or designs and construct an innovative technological system that will have commercial and/or human benefit.

Honorable Mention	Bronze	Silver	Gold	Staple multiple forms together

Judging Form
(Junior Division Grades 6-8)

Name(s) (Please print):	Project Title:	Project Score
	School:	

Written Project Summary (10 Points)						Comments	Section Score
Professional Presentation -- proper writing mechanics (e.g. spelling, punctuation)	1	2	3	4	5		
Scientifically Written -- appropriate proposal -- appropriate scientific terms used -- Content Relates to Hypothesis	1	2	3	4	5		

Table Display (40 Points)						Comments	Section Score
Attention Getting / Design	2	4	6	8	10		
Neatness / Organization / Readability	2	4	6	8	10		
Effectively Presents Summary of Work	2	4	6	8	10		
Quality of the Project Content -- procedure tests or appropriately relates to stated hypothesis or purpose -- conclusion appropriate for data and hypothesis/purpose	2	4	6	8	10		

Oral Question Response / Oral Presentation (30 Points)						Comments	Section Score
Knowledge	2	4	6	8	10		
Ability to Explain Clearly and Concisely	2	4	6	8	10		
Relates Answer to Display Materials	2	4	6	8	10		

Level (20 Points)	…	L1	L2	L3	L4	Comments	Section Score
	0	5	10	15	20		

	Types of Projects		
	STUDY	*EXPERIMENT*	*INNOVATION*
	DEFINITION: A collection and analysis of data to reveal evidence of a fact, situation or pattern of scientific interest. It could include a study of cause and effect relationships or theoretical investigations of scientific data. Variables, if identified, may not be controllable, but an effort to make meaningful correlations is encouraged.	*DEFINITION:* An investigation undertaken to test a specific hypothesis using experiments. Experimental variables, if identified, are controlled to some extent.	*DEFINITION:* Involving the development and evaluation of innovative devices, models or techniques or approaches in fields such as technology, engineering, or computers (both hardware and software).
Level 1	Study of existing printed material related to the basic issue.	Duplicating of a known experiment to confirm the hypothesis. Hypothesis is totally predictable.	Building models (devices) to duplicate existing technology.
Level 2	Study of material collected through compilation of existing data and through personal observations. Display attempts to address a specific issue.	Extend a known experiment through modification of procedures, data gathering and application.	Make improvements to, or demonstrate new applications for existing technological systems or equipment and be able to justify them.
Level 3	Study based on observations and literary research illustrating various options for dealing with a relevant issue. Appropriate arithmetic, graphical or statistical analysis in relation to some significant variable(s).	Devise and carry out an original experiment with controls. Variables are identified. Some significant variables are controlled. Data analysis includes graphic presentation with simple statistics.	Design and build innovative technology or provide adaptations to existing technology that will have economic applications and/or human benefit.
Level 4	Study correlating information from a variety of significant sources that may illustrate cause and effect or original solutions to current problems through synthesis. Significant variable(s) identified with in-depth statistical analysis of data.	Devise and carry out original experimental research that attempts to control or investigate most significant variables. Data analysis includes statistical analysis.	Integrate several technologies, inventions or designs and construct an innovative technological system that will have commercial and/or human benefit.