

Science Project Judging Criteria

Research Question	<ul style="list-style-type: none"> • Clear and focused purpose • Identifies contribution to field of study • Testable using scientific methods 	10
Design & Methodology	<ul style="list-style-type: none"> • Well designed plan and data collection methods • Variables and controls defined, appropriate and complete 	15
Execution: Data Collection, Analysis & Interpretation	<ul style="list-style-type: none"> • Systematic data collection and analysis • Reproducibility of results • Appropriate application of mathematical and statistical methods • Sufficient data collected to support interpretation and conclusions 	20
Creativity	<ul style="list-style-type: none"> • Project demonstrates significant creativity in one or more of the above criteria 	20
Presentation	Poster <ul style="list-style-type: none"> • Logical organization of material • Clarity of graphics and legends • Supporting documentation sited or displayed 	10
	Interview <ul style="list-style-type: none"> • Clear, concise, thoughtful responses to questions • 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 project by all members 	25
**Criteria updated Fall 2017 to align with the International Science & Engineering Fair judging criteria		100