

Gwinnett Regional Science & Engineering Fair Project Evaluation Form

Adapted from Georgia Science & Engineering Fair Scoring Sheet

Judging Categories	Maximum Points	Science Projects	Engineering Projects (may be applied to projects in mathematics and computer science)
Research Question or Problem	10	<ul style="list-style-type: none"> clear and focused purpose identifies a specific contribution to field of study testable using scientific methods 	<ul style="list-style-type: none"> description of a practical need or problem to be solved definition of criteria for proposed solution explanation of constraints
Design and Methodology	15	<ul style="list-style-type: none"> well-designed plan and data collection methods variables and controls defined, appropriate and complete 	<ul style="list-style-type: none"> exploration of alternatives to answer need or problem identification of a solution development of a prototype/model
Execution of Project	20	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 and use of statistics 	Construction & Testing <ul style="list-style-type: none"> prototype demonstrates intended design prototype has been tested in multiple conditions/trials prototype demonstrates engineering skill and completeness sufficient data and use of statistics
Creativity	20	<ul style="list-style-type: none"> project demonstrates significant creativity/originality/inventiveness in one or more of the above criteria 	
Poster	10	<ul style="list-style-type: none"> logical organization of material clarity of graphics and legends supporting documentation is well selected and displayed 	
Presentation	25	<ul style="list-style-type: none"> clear, concise, thoughtful responses to questions understanding of basic science relevant to project understanding of 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 	
TOTAL	100		

Teachers and students should consider these judging criteria when planning 2022 science projects and school-level fairs. They are based on the Intel ISEF and Georgia Science and Engineering Fair criteria. ISEF and GSEF offer a second set of criteria that may be applied to projects in engineering, mathematics and computer science, where appropriate.