



What judges are looking for : the following is a rough breakdown of how judges will evaluate Individual projects. The figure for Team projects is in brackets ().

Creative Ability - 30% (25%)

Idea for Project 10% (10%)

Analysis & Interpretation 10% (8%)

Methodology/ Approach 10% (7%)

Depending on the category,

either

Scientific Thought - 30% (25%)

Problem Identification 4% (4%)

Defined Variables 8% (6%)

More Research Indicated 3% (3%)

Procedural Plan 7% (6%)

Assessment of Data 8% (6%)

or

Engineering Goals - 30% (25%)

Objective Identification 4% (4%)

Feasibility 10% (8%)

Testing for Performance 5% (4%)

Relevance to Needs 7% (6%)

Improvement over Alternatives 4% (3%)

Skill - 15% (12%)

Knowledge of Resources 3% (3%)

Self-Managed? 7% (5%)

Appropriate Use of Resources 5% (4%)

Thoroughness - 15% (12%)

Adequate Data 3% (3%)

Solved Stated Problem 4% (3%)

Conclusions from Data? 3% (2%)

Relationship to Other Approaches 2% (2%)

Lab Notebook 3% (2%)

Clarity - 10% (10%)

Display 4% (4%)

Clarity of Interview 6% (6%)

Team projects only:

Teamwork - 16%

Clarity of Member Tasks 5%

Coordination 6%

Complete Understanding by All 5%