

Please assign a **Level** (1,2,3or 4) to Parts A,B and C. Level 4 is the best.
 Then enter a **Rating** from 0 to 9 (9 is the best), that reflects the quality of the project relative to other projects you have assigned the same level.
 Later **your team** will decide on a **consensus set** of levels and ratings for each project.
 Awards are based on ranking of marks among competing students.

Study: Analysis, possibly collections of, data using accepted methods from the natural, social, biological, or health sciences.

Includes studies of human subjects, biology field studies, data mining, observation and pattern recognition in physical and/or socio- behavioural data.

| | Level 1 | Level 2 | Level 3 | Level 4 |
|---|--|---|---|---|
| Part A Scientific thought | Existing published material is presented, unaccompanied by any analysis. | Existing published material is presented, with some modest analysis and/or a rudimentary study is undertaken that yields limited data that cannot support an analysis leading to meaningful results. | Systematic observations and a literature search. Quantitative studies include appropriate analysis of some significant variable(s) using arithmetic, statistical, or graphical methods. Qualitative and/or mixed methods studies include a detailed description of the procedures and/or techniques used to gather and/or analyse data (e.g. interviewing, observational fieldwork, constant comparative method, content analysis). | Correlate information from a variety of peer-reviewed publications and from systematic observations. Reveal significant new information, or original solutions to problems. Criteria for analysis of significant variables and/or description of procedures/techniques as for Level 3. |
| Part B Originality & creativity | Project design is simple with little evidence of student imagination. It can be found in books or magazines. | Project design is simple with some evidence of student imagination. It uses common resources or equipment. The topic is a current or common one | Imaginative project makes creative use of the available resources. It is well thought out, and some aspects are above average. | Highly original project demonstrates a novel approach. It shows resourcefulness and creativity in the design, use of equipment, construction and/or the analysis |
| Part C Communication The level is based on three elements: visual display, oral presentation, and logbook. | Most or all of the three elements are simple, unsubstantial or incomplete. Little evidence of attention to effective communication. In a pair project, one member may have dominated the presentation. | Some of the three elements are simple, unsubstantial or incomplete, but there is evidence of student attention to communication. In a pair project, one member may have made a stronger contribution to the presentation. | All three elements are complete and demonstrate attention to detail and substance. The communication components are each well thought out and executed. In a pair project, both members made an equitable contribution to the presentation. | All three elements are complete and exceed reasonable expectations of a student at this age/grade. Visual display is logical and self-explanatory. Exhibit is attractive and well-presented. Logbook is informative and clearly written. Oral presentation is clear, logical, and enthusiastic. In a group project, both members contributed equitably and effectively to the presentation. |

