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| --- | --- | --- | --- | --- | --- | --- |
| **Science (**2020)  Name:  School:  Entry Number: | **Absent**  **/Not Strong** | **Good** | **Very**  **good** | **Excel- lent** | **Moderator** | **Marks Possible** |
| Scientific Thought and Understanding | 0 - 3 | 4 - 5 | 6 - 7 | 8 - 10 |  |  |
| **Purpose:**   * title and brief overview stated * testable purpose(s) presented (including aim and hypothesis ) |  |  |  |  |  | **10** |
| **Method:**   * method is clear; written in procedural format * the plan relates to stated purpose * the plan could lead to a valid conclusion * multiple trials included * the plan includes detail on how data is collected * all materials/equipment are stated * any safety requirements are stated |  |  |  |  |  | 10 |
| **Variables:**   * the key variables are identified * a control is considered/included if appropriate |  |  |  |  |  | 5 |
| **Data:**   * relevant data is collected and recorded in a table OR APPROPRIATE FORMAT * statistical analysis appropriate to age of student * data is graphed appropriately where possible * actual data is analysed and referred to * pattern(s)/trend(s) are identified |  |  |  |  |  | **10** |
|  | **0 - 6** | **7 - 14** | **15 - 22** | **23 - 30** |  |  |
| **Description of Results, Conclusion & Discussion:**   * referral to above data and analysis is included in the discussion or conclusion * an appropriate conclusion is drawn that links the experimental results to the purpose * results are compared to other sources of information * experimental method is evaluated and errors/mistakes identified * possible modifications for future investigation are identified |  |  |  |  |  | **30** |
| Visual Presentation | 0 - 3 | 4 - 5 | 6 - 7 | 8 - 10 |  |  |
| * Layout has impact and appeal * Text is clear, easy to read and follows a logical progression * Graphics, models, diagrams, photographs, lettering, etc., enhances understanding |  |  |  |  |  | **10** |
| Log Book/Project Journal | 0 - 3 | 4 - 7 | 8 - 11 | 12 - 15 |  |  |
| **Dated entries show the reader:**   * what the student did regularly * obstacles overcome * questions the student discovered * where the student “looked” for information * bibliography/sources; acknowledgements of help (this may be acknowledged on the board rather than fully in the log * background research * thought processes |  |  |  |  |  | **10** |
| Oral Presentation | 0 - 3 | 4 - 7 | 8 - 11 | 12 - 15 |  |  |
| **The student/s is/are able to demonstrate his/her/their understanding of his/her/their findings by answering the following questions:**   * why is your project important? What did you discover? * what does this mean to you and others * what did you do to make sure your results were to be trusted/reliable/valid? * if you were to do the investigation again, what would you do to make it even better * where to next? (ie further investigations) |  |  |  |  |  | **15** |
| **Total:**  **Creativity award -** write *Yes* under final score if judge thinks this project *should be considered* for this. This could be creativity and originality of topic; or creativity around presentation |  |  |  |  |  | **/100** |