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| --- | --- | --- | --- | --- | --- | --- |
| Technology(2020) Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  School: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Entry number: \_\_\_\_\_\_ | **Absent Not strong** | **Good** | **Very Good** | **Excellent** | **Moderator** | **Possible marks** |
| Technological Knowledge & Capability | **0-3** | **4-5** | **6-7** | **8-10** |  |  |
| Need or Opportunity identified  * need or opportunity identified * limitations of existing technology identified if appropriate |  |  |  |  |  | **60** |
| Development of process or product - a range of concepts is generated & evaluated   * comment made on appropriate technological aspects * appropriate materials used * ease of use commented on * scoping of stakeholders has been carried out |  |  |  |  |  |
| Innovation & originality  * evidence of advances over existing technology * evidence of originality & innovation |  |  |  |  |  |
| Performance specifications - specifications are listed and relate to end user potential for production or use  - safety concerns are addressed |  |  |  |  |  |
| Presentation of Product or process  * product/ functional model or photo of model presented |  |  |  |  |  |
| Evaluation of Product or Process - evidence of meeting performance goals  - potential for production commented on  - areas of difficulty mentioned  - impact on stakeholders commented on |  |  |  |  |  |
| **Log Book – Project Journal** | **0-3** | **4-7** | **8-11** | **12-15** |  |  |
| Dated entries tell the reader  - What did you do today?  - What questions were you trying to answer with that?  - Where did you look for information / who did you get help from?  - What did you find out?  - What do you think about it now and why? |  |  |  |  |  | **15** |
| **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, photos, lettering etc enhance understanding |  |  |  |  |  | **10** |
| Oral presentation | **0-3** | **4-7** | **8-11** | **12-15** |  |  |
| Student responds well to oral questions such as  - Why is your product important?  - How well does your product meet the need for it?  - What did you discover?  - What does that mean (so what)?  - If you were continuing with this project, what would you do now to  make it even better? |  |  |  |  |  | **15** |
| **Totals** |  |  |  |  |  |  |
| **Note to moderators & Chief Judge** | | | | | **Year level** | **Rank** |

North Harbour Science and Technology Fair: Technology