|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  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