|  |  |  |  |
| --- | --- | --- | --- |
| **Traditional**  **Project**  **Category** | **Guidelines** | **Points Available** | **Points**  **Awarded** |
| *Project Definition* | - Clear and focused purpose  - Identifies contribution to field of study  -Testable using scientific method | **10** |  |
| *Design and*  *Methodology* | - Well-designed plan & data collection methods  - Variables and controls defined, appropriate and complete | **20** |  |
| *Execution* | - Systematic data collection and analysis  - Reproducibility of results  - Appropriate application of mathematical and statistical methods  - Sufficient data collected to support interpretation and conclusions | **20** |  |
| *Creativity* | - Project demonstrated significant creativity in one or more of the above criteria | **10** |  |
| **Presentation** |  |  |  |
| *Display & Research Paper* | - Logical organization or material  - Clarity of graphics and legends  - Supporting documentation displayed | **15** |  |
| *Log Book* | - Available for review  - Chronological account in ink  - Discarded entry crossed through but visible  - Evidence of thoughts on alternatives, solutions or further investigation | **15** |  |
| *Interview* | - Clear, concise thoughtful responses  - Understanding of basic science relevant to project  - Quality of ideas for further research  - Recognition of potential impact in science, society and/or economic  -**TEAM** show coordinated effort | **10** |  |
| **TOTAL** |  | **100** |  |

### Image result for flowchart for scientific method science fair

**AWARDS**

**First**: 90 – 100 **Second**: 80-89 **Third**: 70-79 **Honorable Mention:** 69 or below

Judge’s Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_