**2014 Woodland High School Science & Engineering Fair COMMENT SHEET**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Title:**  **Project Number: Category:**  **Name:**  **Please provide constructive feedback to students.**  ***A copy of this form is provided to students and their teachers after the fair.*** | | | | | | |
| **SCIENTIFIC THOUGHT: (25 points)** Points Comments/Suggestions:   |  |  |  | | --- | --- | --- | | Clear purpose and objective hypothesis (5pts) |  |  | | Evidence of sufficient repetitions, trials, and/or sample size (5pts) |  | | Experiment was controlled, with accurate measurable observations (5pts) |  | | Conclusions clearly based on the collected data(5pts) |  | | Research into existing knowledge was obvious (5pts) |  |   **Total \_\_\_\_\_\_\_\_\_\_/25 (Transfer to Score Sheet)**  **OR**  **ENGINEERING GOALS: (25pts)** Points Comments/Suggestions:   |  |  |  | | --- | --- | --- | | Clear, useful objective (5pts) |  |  | | Solution is workable, acceptable and economic(5pts) |  | | This is an improvement over existing methods(5pts) |  | | Research into existing knowledge(5pts) |  | | Solution was tested (5pts) |  |   **Total \_ \_\_\_\_\_\_\_\_\_/25 (Transfer to Score Sheet)** | | | | | | |
| **PRESENTATION; SKILLS; CLARITY/KNOWLEDGE**: (35pts)  **\*Use when NOT interviewing** Points Comments/Suggestions:   |  |  |  | | --- | --- | --- | | Display has visual appeal (5pts) |  |  | | Exhibit is self-explanatory(5pts) |  | | Exhibit and written material reflect understanding of both the topic and the process(5pts) |  | | Information is presented in an orderly manner(5pts) |  | | Data and results are easy to understand and displayed in a clear manner; student's skill can be observed through computations and pictures(5pts) |  | | Student's skill can be observed through computations and pictures found on display and throughout written material (5pts) |  | | Student has “ownership” of the topic and project (or did you feel that he/she was an assistant in the process?) (5pts) |  |   **Total \_ \_\_\_\_\_\_\_\_\_/35 (Transfer to Score Sheet)**  or  **PRESENTATION;** (35pts)  **\*Use when INTERVIEWING** Points Comments/Suggestions:   |  |  |  | | --- | --- | --- | | Able to explain the logic of both the project and the display(5pts) |  |  | | Exhibit is self-explanatory(5pts) |  | | Exhibit and verbal communication reflect understanding of both the topic and the process(8pts) |  | | Information is presented in an orderly manner(5pts) |  | | Students can explain how they arrived at data and results; results and data easy to understand; necessary skill is evident(7pts) |  | | Student has “ownership” of the topic and project (or did you feel that he/she was an assistant in the process?) (5pts) |  |   **Total \_ \_\_\_\_\_\_\_\_\_/35 (Transfer to Score Sheet)** | | | | | | |
| **THOROUGHNESS (25pts):** Points Comments/Suggestions:   |  |  |  | | --- | --- | --- | | Purpose carried out (5pts) |  |  | | Problem completely covered(5pts) |  | | Conclusions not based on single replication experiment(5pts) |  | | Complete notebook(5pts) |  | | Student aware of other approaches/theories and familiar with related literature(5pts) |  |   **Total \_ \_\_\_\_\_\_\_\_\_/25 (Transfer to Score Sheet)** | | | | | | |
| **JUDGING AREAS** | **Fair**  **(HM)** | **Average**  **(3rd Place)** | **Good**  **(2nd Place)** | **Superior**  **(1st Place)** | **Max Points** | **Score**  **Totals** | |
| **CREATIVE ABILITY**  new methods, construction/design, materials used, new conclusions | **7 points** | **8-11**  **points** | **12-13 points** | **14-15 points** | **15** |  | |
| **SCIENTIFIC THOUGHT** | **16 points** | **17-21 points** | **22-23 points** | **24-25 points** | **25** |  | |
| **THOROUGHNESS** | **16 points** | **17-21 points** | **22-23 points** | **24-25 points** | **25** |  | |
| **PRESENTATION/SKILLS**  **CLARITY/KNOWLEDGE** | **19 points** | **20-27**  **points** | **28-31**  **points** | **32-34 points** | **35** |  | |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  TIER I Judge’s Signature | | | | | **Judge’s Total** |  | |
| **Place** |  | |

**Team projects are also judged on how well the group of students worked together**

**and the complete knowledge of the project by all members of the team.**

**TURN IN COMPLETED FORM TO THE JUDGES’ TABLE.**

91-100 Superior/1st Place 71-80 Average/3rd Place

81-90 Good/2nd Place Below 71 Fair/Honorable Mention

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| Additional Comments/Suggestions: |