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

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| **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:

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| --- | --- | --- |
| 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:

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| --- | --- | --- |
| 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:

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| --- | --- | --- |
| 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:

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| --- | --- | --- |
| 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:

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| --- | --- | --- |
| 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: |