Student's Teacher: _____

# Rose Hill Elementary Science Fair Evaluation for 4th and 5th Grade Projects

Student Name: _____ Project Title: _____

0: Not Done/absent; 1: Below minimal criteria; 2: Meets minimal criteria
3: Exceeds minimal criteria; 4: Excellent Overall; thoroughly understands concepts

| **Knowledge of the Scientific Process**<br>**Overall Oral Presentation of Knowledge: 0 1 2 3 4**<br>Student should:<br>● Demonstrate knowledge of project and communicate clearly<br>● Give the audience the "I know what I'm talking about" feeling | | | | | |
|---|---|---|---|---|---|
| **Question:** Question is testable and relates to an area of science | **0** | **1** | **2** | **3** | **4** |
| **Prediction/Hypothesis:** Student explains their expected answer to the question | **0** | **1** | **2** | **3** | **4** |
| **Procedure:**<br>● Sequence of steps to do the experiment (detailed, clear, easy-to-follow)<br>● Evidence of controlled variable (factor that stayed the same)<br>● Evidence of manipulated variable (only one changed)<br>● Measured Variable (something measured and recorded)<br>● Repeated Trials (must have been done at least three times) | **0**<br>**0**<br>**0**<br>**0**<br>**0** | **1**<br>**1**<br>**1**<br>**1**<br>**1** | **2**<br>**2**<br>**2**<br>**2**<br>**2** | **3**<br>**3**<br>**3**<br>**3**<br>**3** | **4**<br>**4**<br>**4**<br>**4**<br>**4** |
| **Data & Analysis:** Organized through charts, tables, and/or graphs | **0** | **1** | **2** | **3** | **4** |
| **Conclusion:** References prediction/hypothesis and uses data to support the conclusion | **0** | **1** | **2** | **3** | **4** |

| **Products: Demonstrations of Student Knowledge** | | | | | |
|---|---|---|---|---|---|
| **Experiment:** Uses the scientific process as described above | **0** | **1** | **2** | **3** | **4** |
| **Project Log and Report:** Record of student observations and data results, including analysis of data | **0** | **1** | **2** | **3** | **4** |
| **Display:** Neat, organized poster or trifold about experiment | **0** | **1** | **2** | **3** | **4** |

o Exceeds Science & Engineering Fair Expectations Award (48-56 points)
o Meets Science & Engineering Fair Expectations Award (33-47 points)
o Participation Award (0-32 points)

Total Points:

/56