

SKYLINE SCIENCE FAIR – DEMONSTRATION

Project Title _____

Student Initials _____ Grade _____ Classroom _____

Total Points _____ Placing: **Division Winner** **Blue** **Red** **White** **Participant**

| CRITERIA | EXCELLENT | GOOD | SATISFACTORY | NEEDS IMPROVEMENT |
|--|--|---|--|---|
| Question/ Purpose: 10% | The purpose of the lab or the question to be answered during the lab is clearly identified and stated. | The purpose of the lab or the question to be answered during the lab is identified, but is stated in a somewhat unclear manner. | The purpose of the lab or the question to be answered during the lab is partially identified, and is stated in a somewhat unclear manner. | The purpose of the lab or the question to be answered during the lab is erroneous or irrelevant. |
| | 10-9-8 | 7-6-5 | 4-3 | 2-1 |
| Background Sources: 10% | Several reputable background sources were used and cited correctly. Material is translated into student's own words. | A few reputable background sources are used and cited correctly. Material is mostly translated into student's own words. | A few background sources are used and cited correctly, but some are not reputable sources. Material is partly translated into student's own words. | Material is directly copied rather than put into student's own words AND/OR background sources are cited incorrectly. |
| | 10-9-8 | 7-6-5 | 4-3 | 2-1 |
| Scientific Concepts Shared Through a Display or Presentation: 20% | Project illustrates an accurate and thorough understanding of scientific concepts underlying the lab. | Project illustrates an accurate understanding of most scientific concepts underlying the lab. | Project illustrates a limited understanding of scientific concepts underlying the lab. | Project illustrates inaccurate understanding of scientific concepts underlying the lab. |
| | 20-19-18-17-16 | 15-14-13-12-11 | 10-9-8-7-6 | 5-4-3-2-1 |
| Materials: 10% | All material and setup used in the demonstration are clearly and accurately described. | Almost all materials and setup used in the demonstration are clearly and accurately described. | Some of the materials and setup used in the demonstration are accurately described. | Many materials are described inaccurately OR are not described at all. |
| | 10-9-8 | 7-6-5 | 4-3 | 2-1 |

| | | | | |
|--|---|--|--|--|
| Procedures: 20% | Procedures are listed in clear steps. Each step is numbered and in a complete sentence. | Procedures are listed in a logical order, but steps are not numbered AND/OR not in complete sentences. | Procedures are listed but are not in a logical order OR are difficult to follow. | Procedures do not accurately list the steps of the experiment. |
| | 20-19-18-17-16 | 15-14-13-12-11 | 10-9-8-7-6 | 5-4-3-2-1 |
| Drawings/ Diagrams: 10% | Clear, accurate diagrams are included and make the experiment easier to understand. Diagrams are labeled neatly and accurately. | Diagrams are included and are labeled neatly and accurately. | Some diagrams are included and are partly labeled. | Needed diagrams are missing OR are missing important labels. |
| | 10-9-8 | 7-6-5 | 4-3 | 2-1 |
| Summary/ Conclusion: 10% | Summary describes the skills learned, the information learned and some future applications to real life situations. | Summary describes the information learned and a possible application to a real life situation. | Summary describes the information learned but no application to real life. | No summary is written OR the summary is not relevant to the experiment. |
| | 10-9-8 | 7-6-5 | 4-3 | 2-1 |
| Appearance/ Organization: 10% | Project is very neatly done and uses headings and subheadings to visually organize the material. | Project is neatly done and partly uses headings and subheadings to visually organize the material. | Project is done, but formatting does not help visually organize the material. | Project looks sloppy with cross-outs, multiple erasures AND/OR tears or creases. |
| | 10-9-8 | 7-6-5 | 4-3 | 2-1 |