

**SCIENCE FAIR POSTER part 1 [Group Mark]**

Names: \_\_\_\_\_

Description	Excellent (Level 4)	Good (Level 3)	Satisfactory (Level 2)	Needs Work (Level 1)	Incomplete (Level 0)
<b>Introduction</b>	1. Question is testable, relevant to course and displays originality. 2. Introduction includes appropriate research and enough background information with in-text citations. 3. The independent, dependent and control variables are correctly identified. 4. Hypothesis answers the question being asked and is based on an educated guess.	Only three of the excellent conditions are met.	Only two of the excellent conditions are met.	Only one of the excellent conditions are met.	None of the excellent conditions are met.
<b>Procedure &amp; Materials</b>	1. All materials are listed with specific amounts for easy experiment replication. 2. Experiment design is well suited for testing the hypothesis and answering the question that is being asked. 3. Experiment includes a sufficient sample size and trials. (i.e. >10 samples, 3 trials) 4. Experiment has appropriate procedure with enough details in chronological order (optional: experiment diagram set-up for easy understanding).	Only three of the excellent conditions are met.	Only two of the excellent conditions are met.	Only one of the excellent conditions are met.	None of the excellent conditions are met.
<b>Results</b>	1. All necessary results are included on poster. 2. Observations are organized in the proper format for easy understanding. 3. Tables, figures, pictures, diagrams and graphs are properly labeled. 4. Results are interpreted well (reorganized into a more easily understood form i.e. graphs)	Only three of the excellent conditions are met.	Only two of the excellent conditions are met.	Only one of the excellent conditions are met.	None of the excellent conditions are met.

Appointment with teacher was made or experiment video is handed in as proof the experiment was completed, and primary data is used only. If students **do not demonstrate the experiment was actually conducted** by themselves, they **do not get any marks for the POSTER section!**

## SCIENCE FAIR POSTER part 2 [Group Mark]

<b>Discussion</b>	<ol style="list-style-type: none"> <li>1. Results are analyzed well, and data interpretations are discussed thoroughly.</li> <li>2. Data is compared to scientific literature to interpret data collected.</li> <li>3. Experimental errors are identified and discussed.</li> <li>4. Discussion suggests further investigations and improvements.</li> </ol>	Only three of the excellent conditions are met.	Only two of the excellent conditions are met.	Only one of the excellent conditions are met.	None of the excellent conditions are met.
<b>Conclusion</b>	<ol style="list-style-type: none"> <li>1. Main points and findings are summarized well.</li> <li>2. Hypothesis is supported or rejected based on data analysis.</li> <li>3. Experimental procedure is briefly summarized and evaluated, with comments about its effectiveness.</li> <li>4. Implications of research are connected to real-life.</li> </ol>	Only three of the excellent conditions are met.	Only two of the excellent conditions are met.	Only one of the excellent conditions are met.	None of the excellent conditions are met.
<b>References</b>	<ol style="list-style-type: none"> <li>1. Contains in-text references where appropriate on poster (i.e. introduction, discussion).</li> <li>2. Contains <i>References</i> section on poster.</li> <li>3. References are properly cited in alphabetical order, using APA format.</li> <li>4. Contains at least 2 to 3 sources.</li> </ol>	Only three of the excellent conditions are met.	Only two of the excellent conditions are met.	Only one of the excellent conditions are met.	None of the excellent conditions are met.
<b>Creativity &amp; Communication</b>	<ol style="list-style-type: none"> <li>1. The layout of the visuals and text is well planned and organized.</li> <li>2. Poster includes all of the correct headings and sections of the scientific method.</li> <li>3. Quality of visuals on poster is exceptional and demonstrates creativity.</li> <li>4. Even though there may be some spelling or grammar mistakes, it is easy to understand the explanation.</li> </ol>	Only three of the excellent conditions are met.	Only two of the excellent conditions are met.	Only one of the excellent conditions are met.	None of the excellent conditions are met.

Total: \_\_\_\_\_/28

### Comments