

## Kodiak's Rural Science Fair '03-'04

### Scientist/Teacher Judging Criteria for a Demonstration/Collection

Project # \_\_\_\_\_

Team or Individual \_\_\_\_\_

Criterion	0	1	3	5
<b>Question/Problem or statement of purpose</b>	<ul style="list-style-type: none"> <li>There is no question, problem, or statement of purpose</li> </ul>	<ul style="list-style-type: none"> <li>The question, problem, or statement of purpose is vague and/or too broad</li> </ul>	<ul style="list-style-type: none"> <li>The question, problem, or statement of purpose is adequately stated</li> </ul>	<ul style="list-style-type: none"> <li>The statement of purpose is clearly stated (Why do you want to do this collection/demonstration?)</li> </ul>
<b>Prediction about what will be found by doing the project</b>	<ul style="list-style-type: none"> <li>There is no prediction for the project stated</li> </ul>	<ul style="list-style-type: none"> <li>The prediction is poorly stated</li> </ul>	<ul style="list-style-type: none"> <li>The prediction is inadequately stated</li> </ul>	<ul style="list-style-type: none"> <li>The prediction is clearly stated and answers the question, problem or speaks to the statement of purpose. It is based on research gathered</li> </ul>
<b>Data/Background information on topic</b>	<ul style="list-style-type: none"> <li>There is no data or background information on the topic</li> </ul>	<ul style="list-style-type: none"> <li>The data/information is disorganized. It is difficult for the reader to understand new information</li> <li>Data/information was collected, but is not enough to accurately address the purpose</li> </ul>	<ul style="list-style-type: none"> <li>The data/information is organized and describes new information</li> <li>Enough data was collected to address the question, problem, or statement of purpose</li> </ul>	<ul style="list-style-type: none"> <li>The data/information is overtly organized. A variety of ways are used to display it and describe newly learned information</li> <li>There is enough data to accurately address the question, problem or purpose</li> </ul>
<b>Evidence of Research/Gathering of Information</b>	<ul style="list-style-type: none"> <li>There is no evidence of research</li> </ul>	<ul style="list-style-type: none"> <li>The research is not related to the question, problem, or statement of purpose</li> <li>It is not clear where or how the information was gathered, though references are mentioned</li> </ul>	<ul style="list-style-type: none"> <li>The research is related to the question, problem, or statement of purpose</li> <li>References are cited</li> </ul>	<ul style="list-style-type: none"> <li>The research is specific to the question, problem or statement of purpose and will help the scientist to accurately hypothesize or predict results</li> <li>References are clearly cited and the reader knows exactly where the information was gathered</li> </ul>

Project # \_\_\_\_\_

Team or Individual \_\_\_\_\_

Criterion	0	1	3	5
<b>Conclusions and/or suggestions for further exploration</b>	<ul style="list-style-type: none"> <li>There is no conclusion or reference made to further exploration</li> </ul>	<ul style="list-style-type: none"> <li>No connection is made between the question and data collected</li> <li>A vague reference has been made to suggestions for further exploration</li> </ul>	<ul style="list-style-type: none"> <li>Conclusions are clearly stated with applications of newly learned information</li> <li>An adequate description is made for suggestions for further exploration</li> </ul>	<ul style="list-style-type: none"> <li>The student has made insightful connections between the question, problem, or purpose and the newly learned information</li> <li>Details have been given for suggestions for further exploration</li> </ul>
<b>Appearance</b>	<ul style="list-style-type: none"> <li>The project is sloppy and disorganized</li> </ul>	<ul style="list-style-type: none"> <li>More work is needed to make the display neat</li> </ul>	<ul style="list-style-type: none"> <li>The information is displayed clearly and neatly</li> </ul>	<ul style="list-style-type: none"> <li>The project commands attention and is extremely neat and easy to read</li> </ul>
<b>Presentation</b>	<ul style="list-style-type: none"> <li>The student did not share his/her project orally</li> </ul>	<ul style="list-style-type: none"> <li>The student needs more practice in sharing his/her project orally</li> </ul>	<ul style="list-style-type: none"> <li>The student is able to communicate effectively his/her understanding of the investigation in an oral presentation</li> </ul>	<ul style="list-style-type: none"> <li>The student shows a depth of understanding of the investigation and was able to share that in his/her oral presentation and while answering specific questions from judges</li> </ul>
<b>Models, charts, pictures, maps, etc.</b>	<ul style="list-style-type: none"> <li>None are used</li> </ul>	<ul style="list-style-type: none"> <li>A few are used, but may not be useful or accurate</li> </ul>	<ul style="list-style-type: none"> <li>An effort was made to include these to enhance the display and share newly learned information</li> </ul>	<ul style="list-style-type: none"> <li>The models, charts, pictures, maps, etc. are used creatively and accurately to enhance the display and share newly learned information</li> </ul>

Judge's comments/suggestions: \_\_\_\_\_

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