

Kodiak's Rural Science Fair '02-'03
Scientist/Teacher Judging Criteria for an Experiment

Project # _____

Team or Individual

Criterion	0	1	3	5
Question/Problem	<ul style="list-style-type: none"> •There is no question 	<ul style="list-style-type: none"> •The question is vague and/or too broad 	<ul style="list-style-type: none"> •The question is adequately stated 	<ul style="list-style-type: none"> •The question is clearly stated and unambiguous
Research/Gathering of Information	<ul style="list-style-type: none"> •There is no evidence of research 	<ul style="list-style-type: none"> •The research is not related to the question •It is not clear where or how the information was gathered, though references are mentioned 	<ul style="list-style-type: none"> •The research is related to the question •References are cited 	<ul style="list-style-type: none"> •The research is specific to the question and will help the scientist to accurately hypothesize •References are clearly cited and the reader knows exactly where the information came from
Hypothesis	<ul style="list-style-type: none"> •There is no hypothesis 	<ul style="list-style-type: none"> •The hypothesis is poorly stated 	<ul style="list-style-type: none"> •The hypothesis is adequately stated 	<ul style="list-style-type: none"> •The hypothesis is clearly stated and answers the question
Experiment	<ul style="list-style-type: none"> •The procedures and materials are not stated. 	<ul style="list-style-type: none"> •The procedures are inadequately stated. It is not clear how the experiment was done •The procedures do not include a control and/or test more than one variable 	<ul style="list-style-type: none"> •The procedures are stated •The procedure appropriately tests the question 	<ul style="list-style-type: none"> •The procedures are clearly stated. The reader knows exactly what and how the experiment was done •The procedures appropriately test the question, and include a control and test one variable at a time

Kodiak's Rural Science Fair '02-'03

Scientist/Teacher Judging Criteria for an Experiment

Project # _____

Team or Individual

5

Criterion	0	1	3	5
Data	<ul style="list-style-type: none"> •There is no data 	<ul style="list-style-type: none"> •The data is disorganized. It is difficult for the reader the understand the results •Data was collected, but not enough for conclusive results 	<ul style="list-style-type: none"> •The data is organized and tells the reader what happened •Enough data was collected to make adequate conclusions 	<ul style="list-style-type: none"> •The data is overtly organized and displayed in a variety of ways •There is enough data for conclusive results •The student has made
Conclusions	<ul style="list-style-type: none"> •There is no conclusion •There is no reference made as to how the project could be improved 	<ul style="list-style-type: none"> •No connection is made between the question, hypothesis, and data collected •A vague reference has been made as to how this project could be improved or expanded 	<ul style="list-style-type: none"> •Conclusions are clearly stated •An adequate description is made as to how this project could be improved or expanded 	<ul style="list-style-type: none"> insightful connections between the question, hypothesis, and the data collected •Details have been given as to how this project could be improved or expanded •The project commands
Appearance		<ul style="list-style-type: none"> •More work is needed to make the display neat 	<ul style="list-style-type: none"> •The information is displayed clearly and neatly •The student is able to 	<ul style="list-style-type: none"> attention and is extremely neat and easy to read •The student shows a
Presentation	<ul style="list-style-type: none"> •The student did not share their project orally 	<ul style="list-style-type: none"> •The student needs more practice in sharing their project orally 	<ul style="list-style-type: none"> communicate effectively his/her understanding of the investigation in an oral presentation 	<ul style="list-style-type: none"> depth of understanding of the investigation and was able to share that in his/her oral presentation and while answering specific questions from judges
Judge's				