

INTERIOR ALASKA SCIENCE FAIR JUDGING CRITERIA EXPERIMENT/ INVESTIGATION

CRITERION FOR ORAL EXPLANATION: The student(s) communicate(s):			
1. KNOWLEDGE ABOUT TOPIC AND PROJECT	*extensive, more information than on project, explains why question was picked.	*good understanding, information is equal to that on project	*less understanding, unclear about information on project
2. UNDERSTANDING/DEFENSE OF PROCEDURE	* original question/ and testing procedures	*question is from resource/ref. *procedures are from resource/ref.	*question unfocused * procedures unclear, inappropriate.
3. UNDERSTANDS/EXPLAINS RESULT	* excellent understanding of why results occurred	*good understanding of results	*unclear understanding of results
4. SHOWS INTEREST IN LEARNING MORE ABOUT TOPIC	*enthusiasm about project * will research further	*likes project, topic * may research further	*is ambivalent about project *will not research
CRITERION FOR DISPLAY, The student(s) project contains:			
1. THE QUESTION IS:	*very clear and testable	*somewhat clear or more than one	*unclear or too broad
2. THE PREDICTION OR HYPOTHESIS IS:	*very clear	*somewhat clear	*unclear, does not match question, not present
3. THE PROCEDURES OR TESTING METHODS ARE:	*appropriate to question *thoroughly/carefully done *uses control group/ *repeated numerous times	*somewhat appropriate to question *carefully done * does not use control or groups *repeated only a few times	*do not match question *incomplete, carelessly done *only one test on one group *not repeated
4. THE DATA AND/OR OBSERVATION RECORDS SHOW:	*careful and accurate notes, measurements and graphs	*consistent, correct measures *clear, correct graphs, some notes	*incorrect measurement *unclear, incorrect graphs, no notes
5. THE WRITTEN CONCLUSIONS:	*explain results, *answers question and are consistent w/ results *refers to hypothesis .	*somewhat explains results, *somewhat answers question and are somewhat consist. w/results * little reference to initial hypothesis.	* does not explain results *does not answer questions *not consistent w/ results *does not mention hypothesis
6. THE DISPLAY REFLECTS:	*writing/illustrations original to student *extremely attractive, accurate *excellent organization and easy to understand/follow *lists of help and references visible and numerous	*writing and illustrations are mostly student's work *project is attractive, mostly accurate *mostly organized, somewhat easy to understand/follow * lists of few helpers and references included but not easily visible	*writing and illustrations from published/internet sources *Exhibits poor age app. spelling/grammar *unorganized and difficult to read *no lists of helpers or references are included anywhere on project.
JUDGES COMMENTS ON BACK			

AWARD

1ST

2ND

3RD