

**Third Annual
Oklahoma, Kansas, Nebraska Junior Science
and Humanities Symposium
April 3-4, 2005**

sponsored by Oklahoma State University and the College of Education

Paper Presentation Judging Criteria

Student's Name: _____

Judge's Initials: _____ Division: _____

Problem and Hypotheses _____

Extent of student's involvement in identifying problem,
research questions, and hypotheses is clear
Originality shown
Builds on research of others (citations included)
Hypotheses consisted with problem

**Background Information, Prior Research,
Resources, Assistance** _____

Depth of understanding of previous work shown
Resources acknowledged
Assistance acknowledged
Relevant references made to literature

Design of Investigation _____

Extent of student involvement evident
Problem, research questions, and hypotheses
consistent

Investigative Procedures _____

Evident that student did observations, measurements, data collection
Observation and measurement procedures clearly described
Laboratory/field techniques clearly described
If appropriate, dependent and independent variables properly identified
and managed throughout study

Analysis and Interpretation _____

Processing of data/statistical analysis described and appropriate
Data tables/graphs clear
Data interpreted for reader/listener
Appropriate conclusions drawn
Conclusions do not go beyond the data set

Significance, Applications, Further Research

Results related to other studies or extended to other areas
Implications for scientific and/or human importance are made
Appropriate future research suggested

Presentation

Clearly presented: problem, hypotheses, background information, acknowledgments, design and procedures, analysis, applications, and suggestions for further research
Presentation well organized, not rushed, easy to follow
Uses tables, graphs, charts, photos, drawings, etc., advantageously
All audiovisual aids easy to read; no data overload presented
Poise, diction, pace, smoothness, timing, appearance appropriate
Responses to questions adequate

TOTAL
