

Judging Tally Sheet

Elementary (Grades 4-6) – Experiment



ENTRY NO: _____

GRADE : _____

PROJECT TITLE: _____

STUDENT NAME(S): _____

A. Scientific value

1. Problem or hypothesis

score 0-10 _____

clearly stated?

can student explain why he or she found it interesting?

2. Background and sources

score 0-10 _____

evidence of background reading or other background research?

were outside sources properly credited?

3. Experimental design

score 0-10 _____

appropriate for hypothesis?

does student show understanding of scientific method, principles?

understanding of controls and variables?

adequate replication?

4. Recording and presentation of data

score 0-10 _____

did student record data adequately during experiment?

did student understand the technology used in collecting data?

data presented clearly (charts, graphs, tables)?

5. Inferences from data

score 0-10 _____

did student understand sources of error?

could student relate data to hypothesis?

did student understand significant and non-significant differences?

6. Conclusions

score 0-10 _____

justified by data?

clearly presented?

was help with the project properly acknowledged (eg. parents, teachers)?

Section A total _____
(maximum 60 points)

B. Creativity

1. Resourcefulness, imagination

imaginative or creative choice of topic?
resourceful or imaginative use of technology to gather data?
imaginative interpretation of data?

score 0-10 _____

2. Future work

suggestions for improvement?
suggestions for future research?
has student discerned any applications?

score 0-10 _____

Section B total _____
(maximum 20 points)

C. Communication

1. Written report

clear? concise? logical?
followed guidelines?

score 0-10 _____

2. Oral presentation and project display

clear? concise? logical?
enthusiastic?
answered questions well?

score 0-10 _____

Section C total _____
(maximum 20 points)

Total for all sections _____
(maximum 100 points)

Notes on special merits of project