

Entry No:	_____	Location:	_____
Project Title:	_____		
Student Name(s):	_____		
	_____		

# Elementary Project – Judging Tally Sheet

**Please use the following scale:**

5 Excellent  
 4 Good  
 3 Satisfactory  
 2 Weak  
 1 Poor  
 0 Not Present

## 1. SCIENTIFIC CONTENT (maximum 50 marks)

*Complete EITHER 1A - Experimental Project OR 1B – Non-Experimental Project.  
 Circle the score for each statement and note the subtotal on page 2.*

**1A. EXPERIMENTAL PROJECT** – an investigation undertaken to test a scientific hypothesis using experimentation, usually featuring the identification and control of variables.

**PROBLEM/HYPOTHESIS**

- 1. The problem/hypothesis was clearly stated ..... 0 1 2 3 4 5
- 2. Adequate background reading was evident in the presentation ..... 0 1 2 3 4 5

**METHOD**

- 3. Experimental design reflected understanding of the scientific method and underlying scientific principles..... 0 1 2 3 4 5
- 4. Controlled, manipulated and responding variables were identified and understood ..... 0 1 2 3 4 5
- 5. Repetition of tests (minimum three trials) and/or appropriate sample size were used to achieve reliable results .... 0 1 2 3 4 5
- 6. Logbook recorded the project progress including detailed procedures, results, and original data ..... 0 1 2 3 4 5

**ANALYSIS/CONCLUSION**

- 7. Observations were clearly summarized in tables/graphs and were consistent with data collected..... 0 1 2 3 4 5
- 8. Results were logically explained and understood ..... 0 1 2 3 4 5
- 9. Conclusions and summary remarks were based on experimental data and related to the problem/hypothesis..... 0 1 2 3 4 5
- 10. Possible sources of error were recognized ..... 0 1 2 3 4 5

**SECTION 1 SUBTOTAL / 50** \_\_\_\_\_

**1 B. NON-EXPERIMENTAL PROJECT** - the collection and analysis of data to reveal evidence of a fact or situation of scientific interest.

**PROBLEM/HYPOTHESIS**

- 1. The topic was clearly stated and provided direction and appropriate scope for the project ..... 0 1 2 3 4 5

**METHOD**

- 2. Evidence of extensive research including reading and contacting knowledgeable people was demonstrated ..... 0 1 2 3 4 5
- 3. The scientific information presented was accurate ..... 0 1 2 3 4 5
- 4. The information was effectively gathered, combined and organized..... 0 1 2 3 4 5
- 5. Logbook recorded project progress including detailed research notes, contact names and discussions ..... 0 1 2 3 4 5

**ANALYSIS/CONCLUSION**

- 6. Key points and concepts of the research topic were identified ..... 0 1 2 3 4 5
- 7. Problems or issues related to the subject were understood ..... 0 1 2 3 4 5
- 8. Critical analysis/interpretation of research material was presented ..... 0 1 2 3 4 5
- 9. A logical conclusion/summary based on the research was reached ..... 0 1 2 3 4 5
- 10. New ideas were formulated as a result of the research project ..... 0 1 2 3 4 5

**SECTION 1 SUBTOTAL / 50** \_\_\_\_\_

## 2. CREATIVITY AND INSIGHTS (maximum 25 marks)

Complete this section for ALL projects.

Circle the score for each statement and note the subtotal at the bottom of the page.

1. The project was imaginative and creative..... 0 1 2 3 4 5
2. There was resourceful use of equipment/information gathered..... 0 1 2 3 4 5
3. Creativity was shown in the interpretation of the data/information gathered (i.e. outliers noted, unexplained findings examined) ..... 0 1 2 3 4 5
4. Thought was given to how the project could be improved or done differently..... 0 1 2 3 4 5
5. Future spin-offs or potential applications of the project were identified..... 0 1 2 3 4 5

**SUBTOTAL / 25** \_\_\_\_\_

## 3. COMMUNICATION (maximum 20 marks)

Complete this section for ALL projects.

Circle the score for each statement and note the subtotal at the bottom of the page.

1. The oral presentation was clear, concise and logical ..... 0 1 2 3 4 5
2. Questions were answered competently and accurately ..... 0 1 2 3 4 5
3. Outside sources were properly credited and a bibliography was properly cited ..... 0 1 2 3 4 5
4. The display board effectively presented the project ..... 0 1 2 3 4 5

**SUBTOTAL / 20** \_\_\_\_\_

## 4. DEGREE OF DIFFICULTY (maximum 5 marks)

Complete this section for ALL projects.

Circle the score for each statement and note the subtotal at the bottom of the page.

1. The degree of difficulty of this project was exceptional ..... 0 1 2 3 4 5

**SUBTOTAL / 5** \_\_\_\_\_

## SUMMARY OF MARKS

1. SCIENTIFIC CONTENT (50) ..... \_\_\_\_\_
2. CREATIVITY AND INSIGHT (25) ..... \_\_\_\_\_
3. COMMUNICATION (20) ..... \_\_\_\_\_
4. DEGREE OF DIFFICULTY (5)..... \_\_\_\_\_

**TOTAL / 100** \_\_\_\_\_