Science Fair Written Report

**Cover Page:**

School Logo, Title, Students’ names, Grade, Year

**Introduction:**

Why do we care about the problem?

Lead the reader into the subject by explaining why you chose this project.

**Observation:**

What did you notice about the world that needed to be changed?

**Question:** You notice something and wonder why it happens. You see something and wonder what causes it.

* What causes…?
* Why do…?
* How do…?
* What would happen if…?

**Hypothesis:** Predict an outcome based upon things that you already know and things that you study or investigate. You make an educated guess about the answer to your question.

* I predict… because…

**Materials:** List of everything you will use to complete your experiment.

**Procedure:** List step by step what you do to test your hypothesis. You list what you use and how much. Include constants and variables (what stays the same and what changes).

**Constants and Variables:** What will you change in your experiment? What will remain the same? Why are these constants and variables important to your experiment?

* The constant in this experiment is…
* The variable is

**Data:** Write down the information you have collected in your procedure. What actually happened?

* Observations (keep a journal)
* Chart
* Graph
* Table
* Logs

**Conclusion:**

What can you conclude based on your results? What does your data and results tell you? Was your hypothesis correct?

**Applications to real life:**

How do your results help or change the world?