Title!

SCIENCE FAIR

Formal Report

By Student Name

4th Grade

**Table of contents**

**Topic**

**Background Research**

**Testable Question/Purpose**

**Hypothesis**

**Materials**

**Procedure**

**Variables**

**Data**

**Results**

**Conclusions**

**Recommendations**

**Acknowledgements**

**Bibliography**

**Topic:** State your topic

I came up with this topic because…

**Background Research:**

This is the research you needed to make a hypothesis and conduct your experiment.

**Testable Question/Purpose:** Will adding paper clips (weight) make the helicopter go down faster?

**Hypothesis:** If , then statement

**Materials:**

List all materials

**Procedure:**

Step-by-step instructions

**Variables:** independent, dependent and controlled.

**Data:**

Table example

TIME IN SECONDS

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Number of paper clips | Trial 1 | Trail 2 | Trail 3 | Average time |
| 0 | 5.35 | 4.99 | 4.86 | 5.07 |
| 1 | 4.88 | 4.29 | 4.13 | 4.43 |
| 2 | 4.08 | 3.60 | 3.47 | 3.72 |
| 3 | 3.50 | 3.35 | 3.25 | 3.37 |

**Results:** This is what you observed. A graph is very helpful in visualizing the information.

**Conclusions:** Was your hypothesis correct and why/why not?.

**Recommendations:** What would you change to improve the project?

**Bibliography**

List of resources. You must use at least two sources.