

MOATES SCIENCE FAIR



PACKET

Science Fair Timeline

Nov.6 – Project Approval Due

- ✓Is the project on level for the student?
- ✓Is it testable?

Nov. 13 – Hypothesis Due

- ✓Is it written as an If...Then... statement?

Nov. 19 – Procedures and Materials due

- ✓Are both bulleted lists?
- ✓Are the steps in sequence order?

Nov. 30 – Results and Conclusion due

- ✓Experiment should be done over Thanksgiving Break
- ✓Board should be put together

This Science Project Notebook belongs to:

Title:

I. Problem or Question Development

List some things that interest you:

Do you like nature?

Do you like chemistry and mixing things?

What science would you like to learn more about?

Write down three possible science fair project ideas:

Develop a Question:

What would happen if I did ...?

What would happen if I changed ...?

II. Observations / Research

Think about the Question:

What do I know about the question?

What have I learned about the question?

Basic facts discovered:

III. My Guess or Hypothesis

A scientific or thoughtful guess is called a Hypothesis.

After learning about my science question ...I know enough to make a guess.

What might I see in my experiment?

If I change this..., then this...will happen.

IV. The Experiment

What do I need to do to test my hypothesis?

What will I change in my experiment (Independent Variable)?

What will change because of what I changed (Dependent Variable)?

What will stay the same in my experiment (Controlled Variable)?

A. Materials

What do I need to conduct my experiment?

What needs to be measured?

V. My Results

Observations and Measurements of the Results of the Experiment.
Data Tables

Analysis

What does it mean?

Does it answer my questions?
