Science Fair Project

Student's Name:
Grade Level:
Teacher's Name:
Date:

1. Project Title:

Choose a catchy and relevant title for your project.

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2. Question or Problem:

What question are you trying to answer?
For example:

- How does salt affect the freezing point of water?
- Do plants grow faster in sunlight or under artificial light?

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3. Hypothesis:

What do you think will happen? What is your prediction?
For example:

- "Plants will grow faster in sunlight because it's more natural."

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4. Background Information (optional):

Briefly describe any research you did to understand your topic better.
For example:

- "I read that salt lowers the freezing point of water, so I think it will take longer to freeze."

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5. Variables:

- **Independent Variable:** (What will you change?)
  Example: The amount of salt added to the water.
- **Dependent Variable:** (What will you measure?)
  Example: The time it takes for the water to freeze.
- **Control Variables:** (What will you keep the same?)
  Example: The amount of water, the type of cups, and the freezer temperature.

Independent Variable_____
Dependent Variable_____
Control Variables_____
_____

6. Materials:

What items will you need to do your experiment?
List everything, for example:

- Water
- Salt
- Measuring cups
- Freezer
- Thermometer

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7. Procedure:

Step-by-step instructions on how you will do your experiment.
For example:

1. Fill three cups with water.
2. Add different amounts of salt to each cup.
3. Place the cups in the freezer.
4. Check every 30 minutes to see when the water freezes.

8. Data Collection:

How will you record your results?
Create a simple table, graph, or chart for your observations.
For example, record the time it takes for each cup of water to freeze.

9. Conclusion:

What did you learn from your experiment? Was your hypothesis accepted or rejected? What did your data show?

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