

Experimental Research Proposal Planning Sheet

Researcher Name

Date

Title of Project

1. Research Question

State the specific question your experiment aims to answer.

2. Hypothesis

Write your predicted outcome (If..., then...)

3. Independent Variable (IV)

What variable will you change? How will you manipulate it?

4. Dependent Variable (DV)

What will you measure/observe?

5. Control Variables (Constants)

What variables will be kept the same across all trials?

6. Participants / Sample

Who are the subjects in your experiment? How will they be selected?

7. Materials

List all materials and equipment required for the experiment.

8. Procedure

Describe step-by-step how you will conduct the experiment.

9. Data Collection & Analysis

How will you collect, record, and analyze your data?

10. Potential Sources of Error

What possible errors or confounding variables could affect your results?