

Experimental Design Graphic Organizer

Research Question: What are you trying to solve?

Hypothesis: Proposed Outcome

Independent Variable: What will you change?

Dependent Variable: What will you measure?

Control: What will remain constant?

Design the Experiment: Step-by-Step how the question will be answered.
Experiments must be clear, easy to follow and easy to repeat.

Materials/Equipment

Safety Concerns

Data and Observations

**Write a one paragraph (minimum) summary on notebook paper.
Include CLAIM, EVIDENCE & REASONING.**