

ARMY ANT EXPERIMENTAL DESIGN

1. What is the question or hypothesis that you are testing?
2. What are the qualities of a good experimental design?
3. Methods: Describe your design as specifically as possible. For example, how many times will the experiment be run? What is your measure of benefit for the birds?

4. Data: Make some sketches of graphs you could make with the data collected from your experiment. Be sure to label the axes and other parts of the graph.

5. Limitations: What are the limitations to your design? For example, how confident are you in your measurements?

6. Assumptions: All scientists make assumptions when they ask questions and design experiments. What are the assumptions in your study?