Experiment Design Template

RESEARCH QUESTION/PROBLEM:

EXPERIMENTAL DESIGN:
• Identify the test subjects:

• Describe the dependent variable:

• Describe the independent variable:

• Describe the methods you will use to control the variables:

• What test equipment are you going to use?

• How many times will you repeat this investigation?

HYPOTHESIS (This should be in the format of “If_______,then______.”):

Experimental Procedure
Write your procedure step-by-step. Be detailed in exactly how you are going to do your experiment. Anyone should be able to duplicate your experiment from this detailed description.

Step 1:

Step 2:
Step 3:

Step 4:

Step 5:

Step 6:

Step 7:

Step 8:

Step 9:

Step 10:

Step 11:

Step 12:

Step 13:

Peer Feedback:

1. Read through the design plan.
2. Mark with √ for what is clear and makes sense.
4. Mark with + for what needs more detail.