Question. What do you want to find out?

Prediction. Make a prediction of the answer to your question.

Identification of Variables

Dependent variable: What you measure.	**Independent variable:** What you are going to change.	**Controlled variables:** What remains the same.

Risk Assessment: Are there any hazards involved in making the measurements?

Materials

Safety equipment: What safety equipment do you need based on the risks.

Other equipment: What you need to do the test and make the measurements.

Testing Plan: Outline of the steps required to setup and perform the test.