Writing Your Experimental Procedure
The procedure is the set of steps that you will follow to conduct your experiment. This should be detailed so that another person would be able to do the research following your directions. Leave out obvious instructions like "Gather all the materials."

The steps of the procedure should be in numbered or bulleted form, not in a paragraph. Identify the independent variable, the dependent variables, and the control.
Some important things to keep in mind when designing your experiment are:

Control Group
Most experiments need to have an appropriate "control", which is a standard to test your experimental results against. A control is a trial taken when the independent variable is missing or held constant or at a normal level.
For example, if you're studying the effects of cold air temperatures on tropical house plant growth, you will probably put some of the plants outside for some cold nights. When you take them inside to see how the cold affected their growth, you'll need to have some plants that were not exposed to the cold to compare them to. The plants that did not get exposed to the colder temperatures are considered a "control".

Sample Size
Your experiment will be much better designed if you have several "subjects" in your experiment. For example, in a plant experiment, be sure to have many plants in the control group and in the experimental group.

Measurements
Explain how you will be measuring your independent and the dependent variables.

Materials
List the materials needed for the experimentation.

Trials
Be sure to allow enough time to do many trials. The experiment should be repeated as many times as possible.

IN YOUR PROJECT JOURNAL, WRITE DOWN THE STEPS OF THE PROCEDURE THAT YOU WILL FOLLOW TO CONDUCT YOUR EXPERIMENT. WRITE THE STEPS IN EITHER NUMBERED OR BULLETED FORM. Be sure to identify your control (if there is one), and your independent and dependent variables. Also include the controlled variables (constants). They can be shown separately from the procedure.