

Methods and Materials:

1. State your experimental question or problem – must be the most updated version – the one that will be on your poster and report.
2. Methods/Procedures – these are your procedures for conducting your experiment or tests.
 - These are the step-by-step instructions for how you conducted your experiment or tested your solutions or tested your model.
 - RULES TO FOLLOW:
 - o If your procedures are copied/mostly copied/partly copied from a website or other source than you need to put that right under the subtitle "Methods".
 - "The methods for this experiment were provided by [fill in the blank] website. The experiment can be found at the following website address: [copy/paste URL]."
 - o If you are constructing a model that you purchased as a kit that you are then experimenting with (such as the rocket models, robotic arms etc.) then you DO NOT need to put the directions for how to construct the model. Rather, write something like this....
 - Follow the directions for constructing the _____ as described in the procedures that came with the model. (make a citation for the kit, ex.: [PATHFINDERS HYDRAULIC ROBOTIC ARM KIT found at [\)](https://www.sciplus.com/pathfinders-hydraulic-robotic-arm-kit-51771-p?gclid=EAIaIQobChMI64XAxFXW4AIVTAOGCh2nLQ2KEAQYAyABEgJ7WfD_BwE)
 - o Steps are presented with bullet points or numbered. The methods/procedures need to be written so that someone else could follow them in order to repeat your experiment. **Go to my website's "Science Fair Project Links" page for a sciencebuddies.com link to an example of materials and methods.**
 - o Write your procedures in the active and present voice and DO NOT use pronouns.
 - Wrong way: You pour 50 ml of water into the beaker
 - Wrong way: I then poured 50 ml of water into the beaker
 - Right way: Pour 50 ml of water into the beaker
 - o Ensure that your methods include how many trials, and the amounts of the supplies you are using.
3. Bulleted Materials list: must include the amounts; unless we have otherwise discussed, your amounts need to be in metric units.