

# ENGINEERING ACTION PLAN

Student(s): \_\_\_\_\_

*Title of Project:* \_\_\_\_\_

*Goal (What do you want to build? What do you want it to do?):*

*Testing (how will you know that you've achieved your goal?):*

*Materials (what tools and parts will you need build your project?):*

***Design:***

***Draw or describe the blueprint for your project. Make reference to the parts listed in the Materials section.***

***Engineering Challenges:***

***What sort of problems might cause your project not to work? How might you solve those problems?***

***Workshop Notebook:***

***Your completed Science Fair poster will include two or more engineering challenges you faced and how you solved (or didn't solve) them. Actual problems that you had are best, but if you don't have at least two problems, then you can talk about problems that you avoided. While you are building your project, keep a notebook describing engineering challenges you face so you can remember what you did to solve them. Also document your testing results.***