

Engineering Project Proposal Checklist

Adapted from:

<http://www.sciencebuddies.org/engineering-design-process/engineering-design-process-steps.shtml>

Engineer: _____

What is your problem you intend to solve? Who need (s) what because why:

Engineering Project: Problem Checklist	
1. Have you met the requirements of the project?	Yes/No
2. Is the topic interesting enough to read about and work on for the next couple of months?	Yes/No
3. Can you find a least three sources of written information on the subject?	Yes/No
4. Can you think of a way to measure whether your solution is better than what already exists? It is always best if you can measure your improvement numerically: cheaper in dollars, faster in time. etc.	Yes/No
5. Can you design a solution that is safe to build, use, store, and dispose of?	Yes/No
6. Do you have all the materials and equipment you need for your solution, or will be able to obtain them quickly and at a very low cost?	Yes/No
7. Do you have enough time to compare your design and make it before the due date? Allow time for doing additional research and fixing problems. It is very rare for everything to work correctly for the first time.	Yes/No

