Notebook Checklist

* Introduction\*
  + - Explain who you are as a team and the purpose of the notebook
* Implementing the Engineering and Design Process
  + Identify the Problem
    - * What’s the problem you’re solving
  + Separate Into Groups
    - * Generally: Programmers, Builders, Designers
      * Basically explain how you split up responsibilities and what each group did
  + Identify Criteria and Constraints
    - * Criteria: What needs to be done/Requirements
      * Constraints: Things that are holding you back (Ex. Time, lack of certain materials, etc.)
  + Brainstorming\*\*
    - * How you brainstormed
  + Choose the Best Solution
    - * Explanation of which solution you picked and why
  + Construct the Solution
    - * Pictures and explanation of construction
  + Verify and Evaluate the Solution
    - * Practice rounds/testing the robot
* Brainstorming Approaches\*\*
  + - Explanation of certain ideas/sketches
    - Do not necessarily pour every bit of brainstorming into this section. You can always put pictures in the appendix.
* Analytical Evaluation of Design Alternatives
  + - What were other designs you could have gone with?
* Offensive and Defensive Evaluation
  + - Strategizing
* Safety\*
  + - Safety procedures followed

You don’t have to use the titles provided. This is a guideline. Your notebook can be different from this and still be good.

If you need a reference, see last year’s notebook.

* Appendix
  + - ALL THE PICTURES AND SKETCHES
    - Any sort of planning
    - Any sort of schedule

Notes:

\*: probably not required

\*\*: These could be one section