

Hydraulic Arm Design Check List

Step 1

1. Student has re-written the challenge in their own words.
2. Student has researched hydraulic arms, the engineering design process, and samples of other students work.
 - a. Completed research questions
 - b. Completed activity #1 & #2

Step 2

1. Students have sample drawing with notes and measurements.
2. Students meet in their groups to brainstorm and present their ideas to one another.

Step 3

1. Students have decided on a prototype and are ready to begin the building process.
2. Students have a complete list of materials needed.

Step 4

1. Building and testing of prototype

Step 5

1. Students revisit their prototype. They decide if any changes need to be made or how they can improve their project. Make it

the best it can be.