

Team 1 Cosmic Quest Engineering Notebook

Mechatronics Engineering 2023-2024
<Lord Farquaad>

- Alex Ortiz-Ayar
- Jonah Nolasco
- Tae Thomas
- Azaria Garcia



Instructions:

For each day that you enter data into your Engineering Notebook, Copy this template text and table for each project entry. The difference between a Physical Engineering Notebook and this Notebook will be that your most current entry (i.e. Your newest entry) will be at the "top" like a blog... Check [here for a Rubric](#)

Sometimes you will see a comment from your teacher. Please read, and if it's a question, answer it.

Comment or Question from Mr. Burnham:

<02.09.2024> <start day>

What Did We Working On Today :

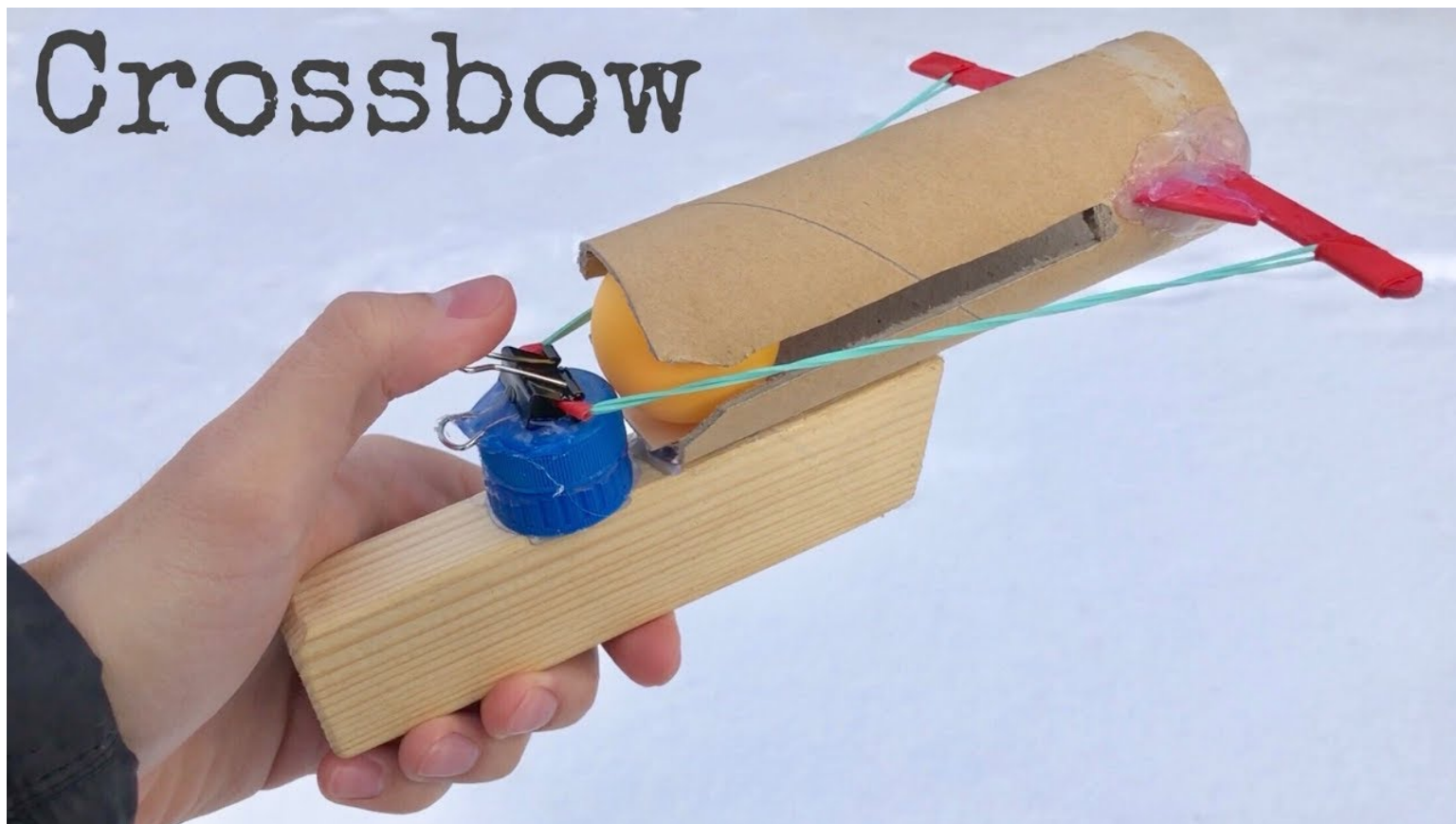
Brainstormed ideas. Looked at the rules to see what was allowed.

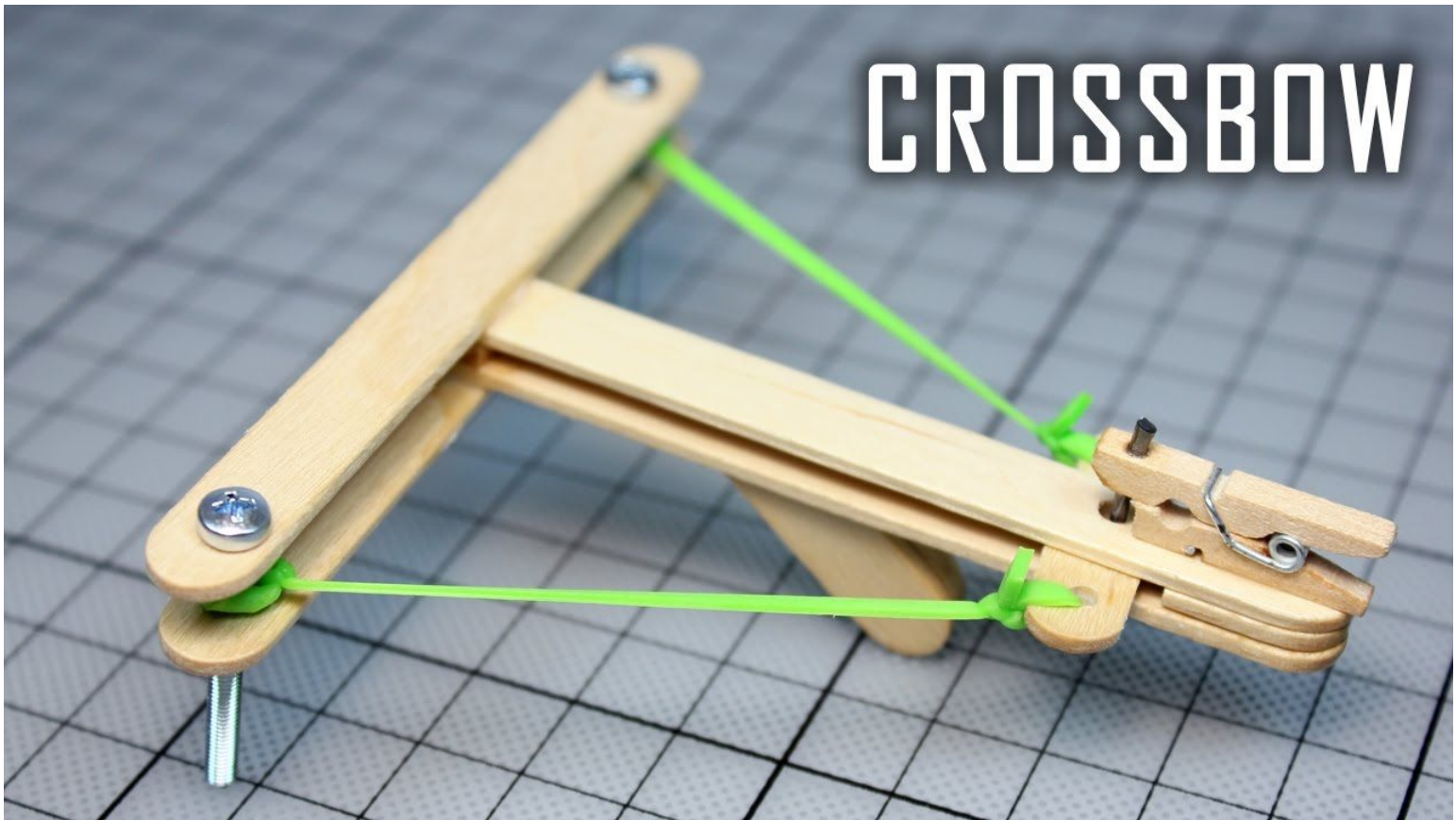
Maybe use a crossbow design.

We can make it like minecraft crossbow

<https://makerworld.com/en/models/199020#profileId-219595>

https://youtu.be/63ebX_zi2_c?feature=shared





What Will I Work On Next Time?

- Discuss more when the rest of the team comes back on Monday
- Actually make the launcher

<copy text between these lines>

Friday March 1, 2024

What Did We Working On Today (Labs, Robot Club, Other Projects):

We started talking about materials and how we would build a crossbow.

<https://www.youtube.com/watch?v=OBsqhKnBvx0>

<https://youtu.be/aT7MPtlw9V4>

What Will I Work On Next Time?

- (fill this out at the end of class/open lab activity time)

- List your next 2-5 steps or activities.
- This is key!!!
- You need to be thinking about this project as a whole, and break it down into
- small tasks you can complete in 30-60 min

<copy text between these lines>

Friday March 9, 2024

Today, our goal was the plan exactly what we are choosing to do for our launcher design. 5 8

Planned Task List:

- List each
- Task you are trying
- To accomplish today

Useful Reference Links:

- List any links related to today's work
-

Today's Class Notes: <enter class lecture notes here>

What Did We Working On Today (Labs, Robot Club, Other Projects):

Describe the steps/challenges you are working on. Make sure you describe how you set up the experiment, how you executed it, and all the materials you needed to do it. Spend time writing your "reflections". Sometimes more important than the actual results, are your thoughts on "why" and "how". Here is where you accurately describe both the success and failures.

If you make mistakes in the data collected, document the mistake and highlight it with a comment, so you don't lose the work. Don't just delete it. Where did you get stuck? A detailed description of issues you got stuck on or did not understand.



Include pictures, Code or links to Code, and links to reference material.

What Will I Work On Next Time?

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<copy text between these lines>

Thursday April 25, 2024

Write a short paragraph of today's Project Goals...25 words

Planned Task List:

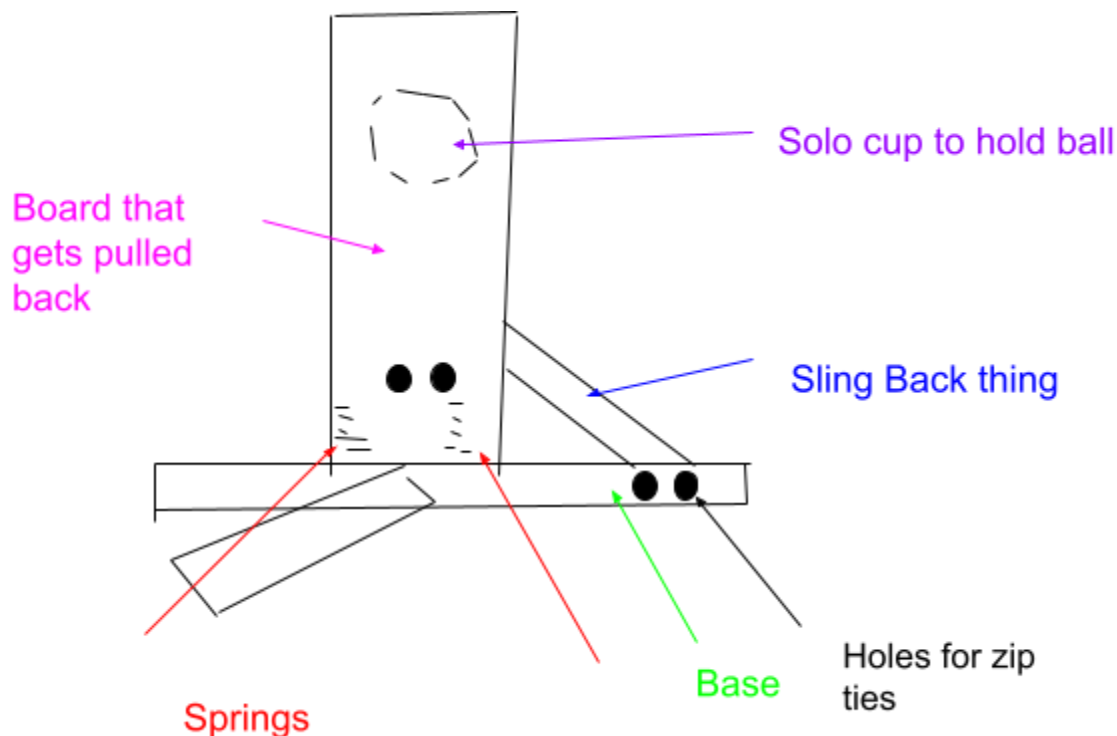
- List each
- Task you are trying
- To accomplish today

Useful Reference Links:

- List any links related to today's work
-

Today's Class Notes: <enter class lecture notes here>

What Did I Working On Today (Labs, Robot Club, Other Projects):



What Will I Work On Next Time?

- (fill this out at the end of class/open lab activity time)
- List your next 2-5 steps or activities.
- This is key!!!
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<copy text between these lines>

