



Morning Session - 11472

Engineering notebook

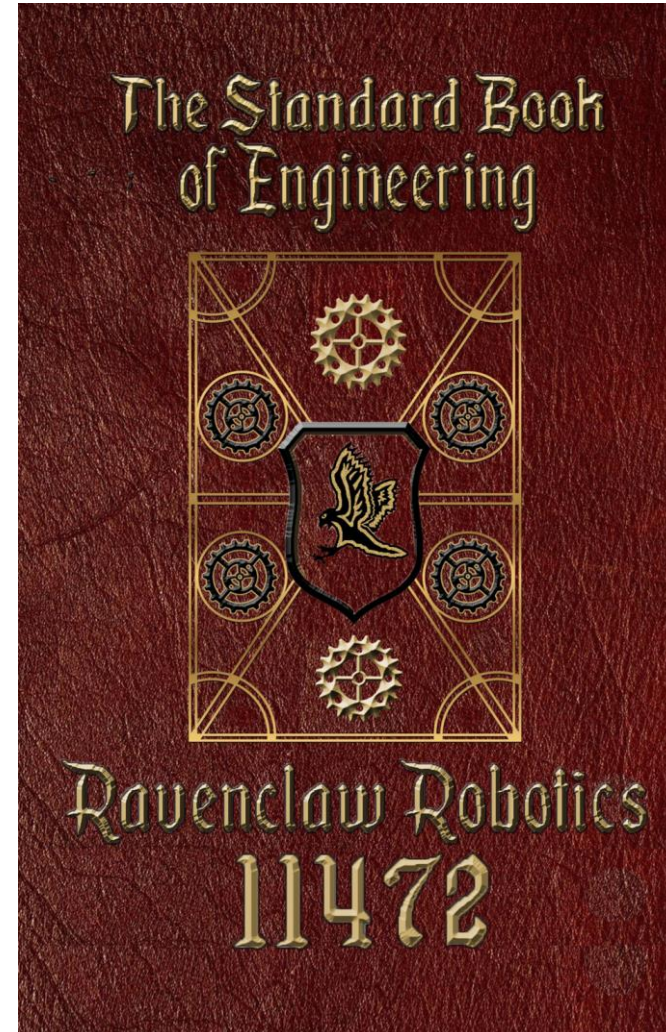
(10 minutes)



Engineering Notebook Topics - 11472



- Best Practices
- Content
- Organization
- Pitfalls
- Aesthetics,
- How to make your notebook stand out.



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Table of
Contents
-Organized
-Well
established
-Chronological

Chamber of Contents	
1.1 Our Story	1. Meet the Ravenclaws
1.2 The Flight of the Ravens	
1.3 Summaries of long term goals	
1.4 Timeline	
1.5 The Ravenclaw Members (Biographies)	
1.6 Professors(Coaches)	
1.7 Prefects(Mentors)	
1.8 The Beginning of the Rice Ravenclaw	
2.1 Zainab.....	2 The Team Members
2.2 Olivia.....	
2.3 Sri.....	
2.4 Manha.....	
2.5 Amith.....	
2.6 Zahra.....	
2.7 David.....	
2.8 Shreyas.....	
2.9 Vinod.....	
2.10 Sathvik.....	
2.11 Raksha.....	
3.1 Neel.....	3 Mentors and Coaches
3.2 Vijay.....	
3.3 Mrs. McCarthy.....	
3.4 Mr. McCarthy.....	



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Introduction

- Team Biographies
- Accomplishments
- Team History



Hi, my name is David Cui and I recently moved to Plano one year ago. I am a 7th grader and I have interests in physics, math, history, and engineering. I love fidgeting



My name is Shreyas Sailesh. I am a 7th grader at Rice middle school. This is my 3rd year of robotics. I love programming using robots and python. I have used a lot of digital coding and design challenges. I am a lover of robotics



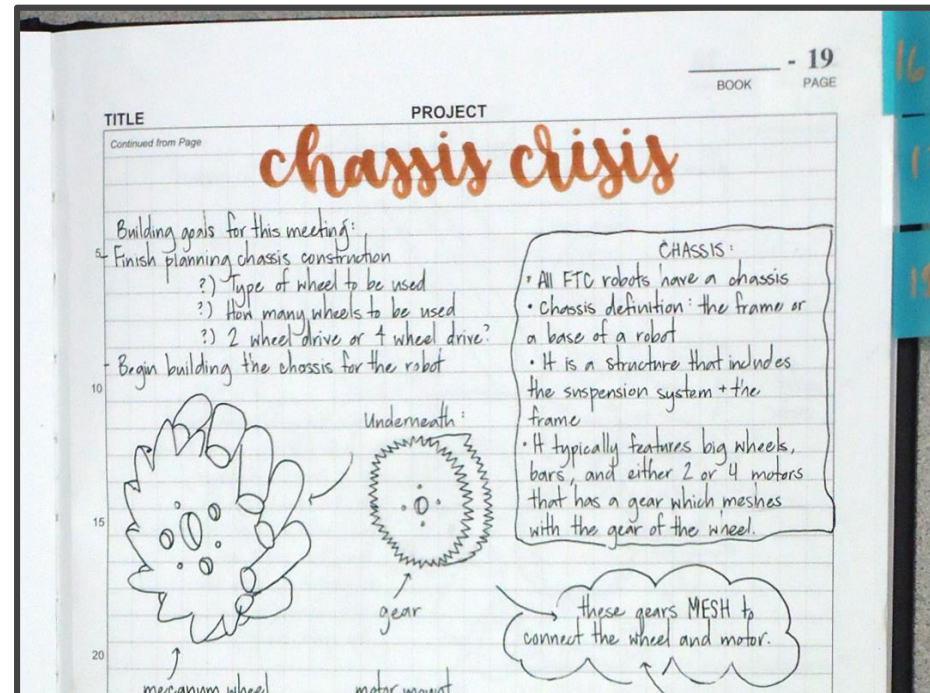
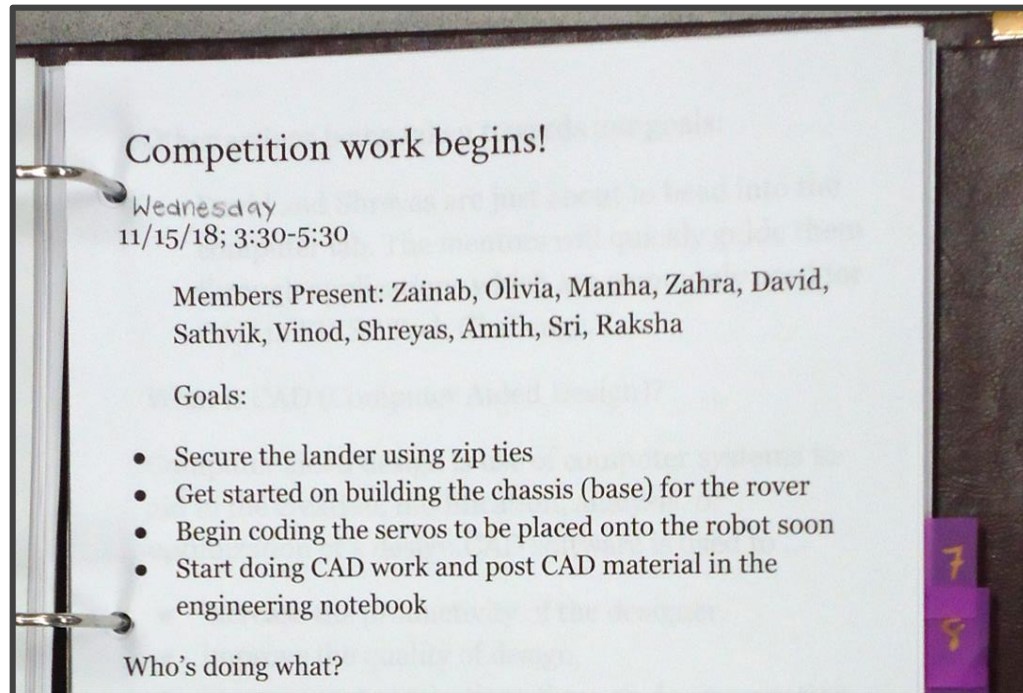
Hi! My name is Amith Yedavalli and I am on the Rice First Tech Challenge Team. I've done robotics for a long time and I have mild experience in coding. I love hands-on learning and tinkering. One of my favorite parts

Our Story

Team #11472, or Rice Ravenclaw, is a FTC team that has been competing for a couple of years already, with new members replacing our Ravens each year. They are all middle schoolers ranging from seventh to eighth grade. There are many ravens who may already have experienced a taste of and are talented in STEM (Science, Technology, Engineering, and Mathematics) but have not yet been in a robotics team. Those ravens possess lots of other talents, such as being very creative, talented at sketching, being able to effectively spread FTC to people and organizations, and of course possess strong teamwork skills. This year's challenge, Rover RUCKUS, has pushed our house to heights never reached before in previous years. After the vigorous tryouts, the members first watched many videos and listened to experienced FTC members talk about their experiences with the competitions. They explained to the Ravenclaw house what is most important when being in a team, and how STEM and robotics play a role in their lives.



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Daily Log:

- Title, date, duration of meeting, and signatures
- Drawings and observations



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Budget Plan

Items	Money Spent
1st Purchase	
Tetrix Max structure Pack	\$119.00
Tetrix Max Hub and Axle Pack	\$79.00
Textrix Max Wheel Pack	\$115.00
Total=	\$313.00

Funding Budget

Provider/ Funding Source	Money or Items Received
Texas Instruments	\$325
T-Shirst Fundraiser	\$220
PTA	Arena

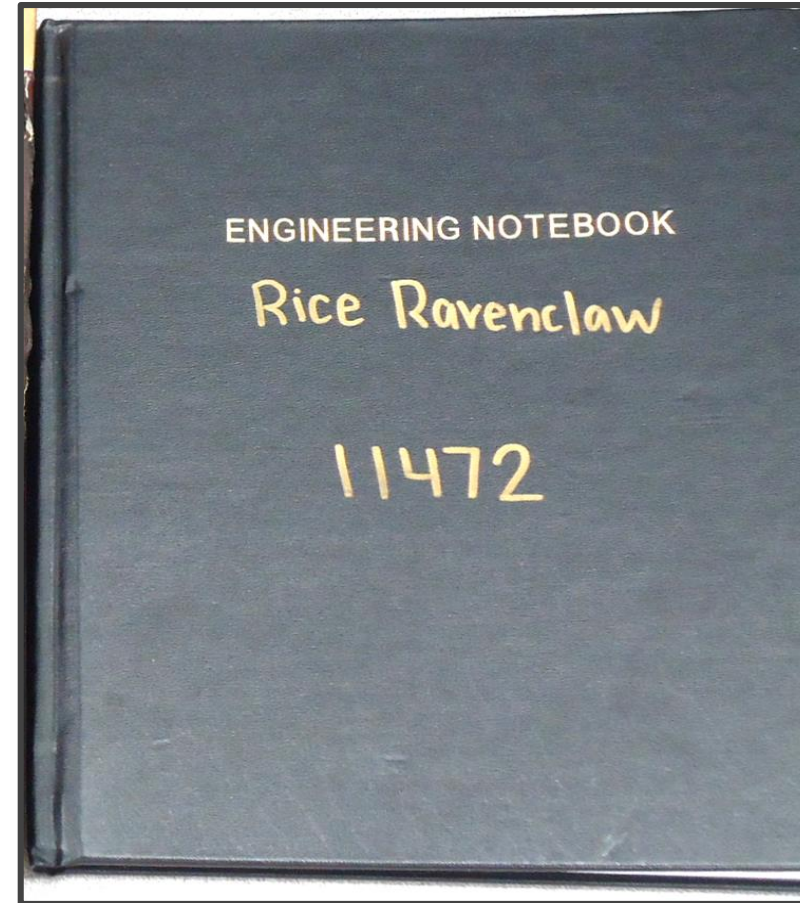
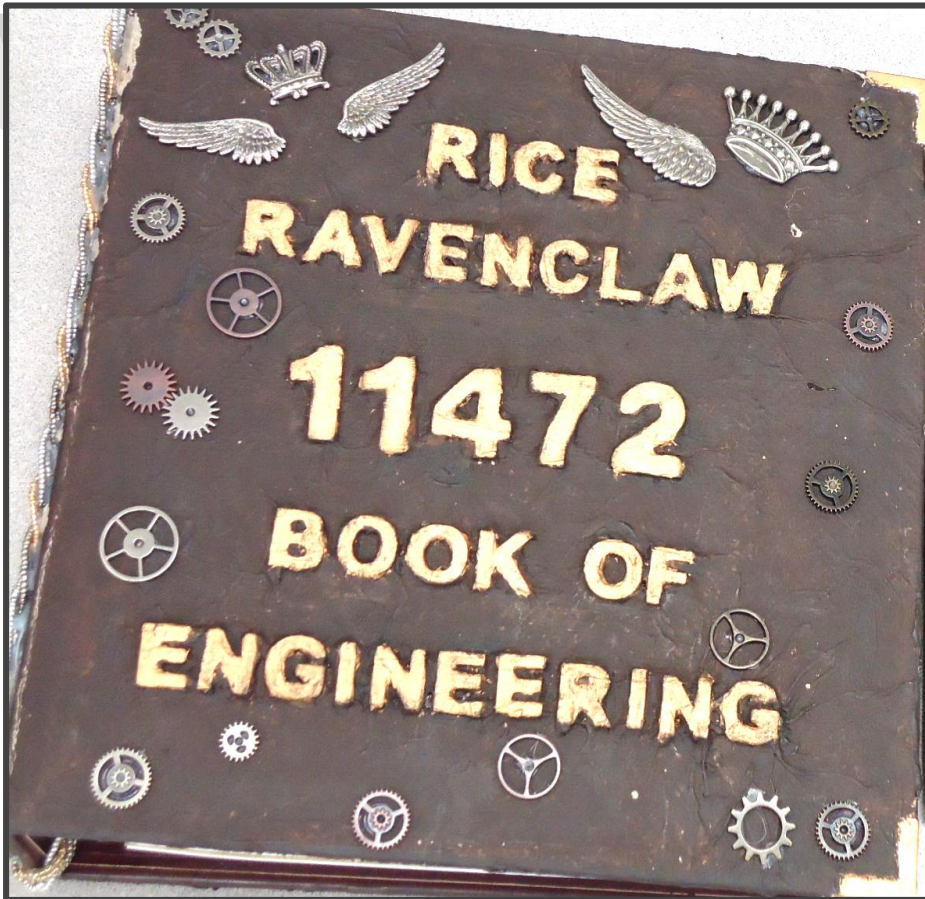
Business Plan:

- Sponsors
- Funding

- Team Spending
- Budget



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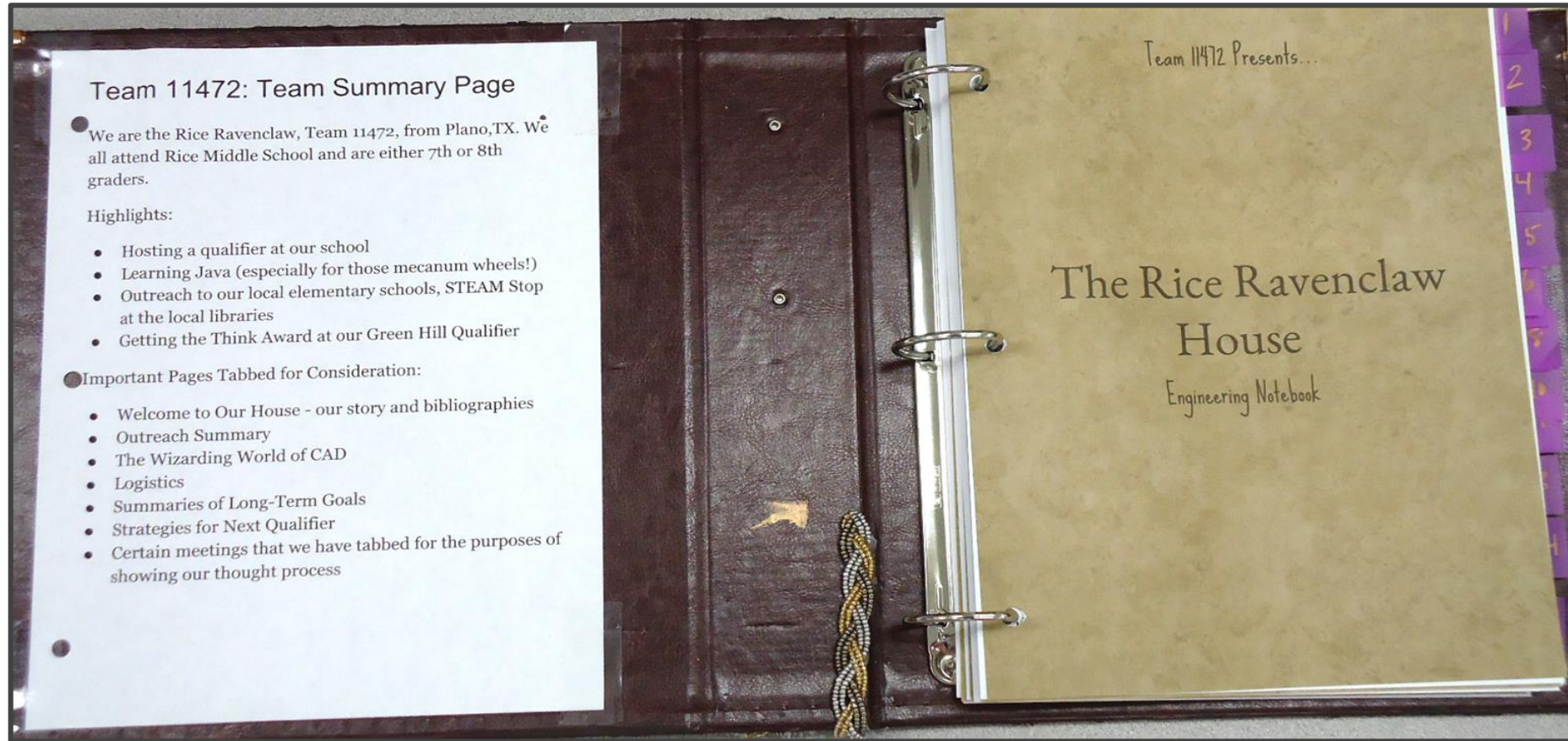


Organization



technicbots 8565

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Team 11472: Team Summary Page

● We are the Rice Ravenclaw, Team 11472, from Plano, TX. We all attend Rice Middle School and are either 7th or 8th graders.

Highlights:

- Hosting a qualifier at our school
- Learning Java (especially for those mecanum wheels!)
- Outreach to our local elementary schools, STEAM Stop at the local libraries
- Getting the Think Award at our Green Hill Qualifier

● Important Pages Tabbed for Consideration:

- Welcome to Our House - our story and bibliographies
- Outreach Summary
- The Wizarding World of CAD
- Logistics
- Summaries of Long-Term Goals
- Strategies for Next Qualifier
- Certain meetings that we have tabbed for the purposes of showing our thought process

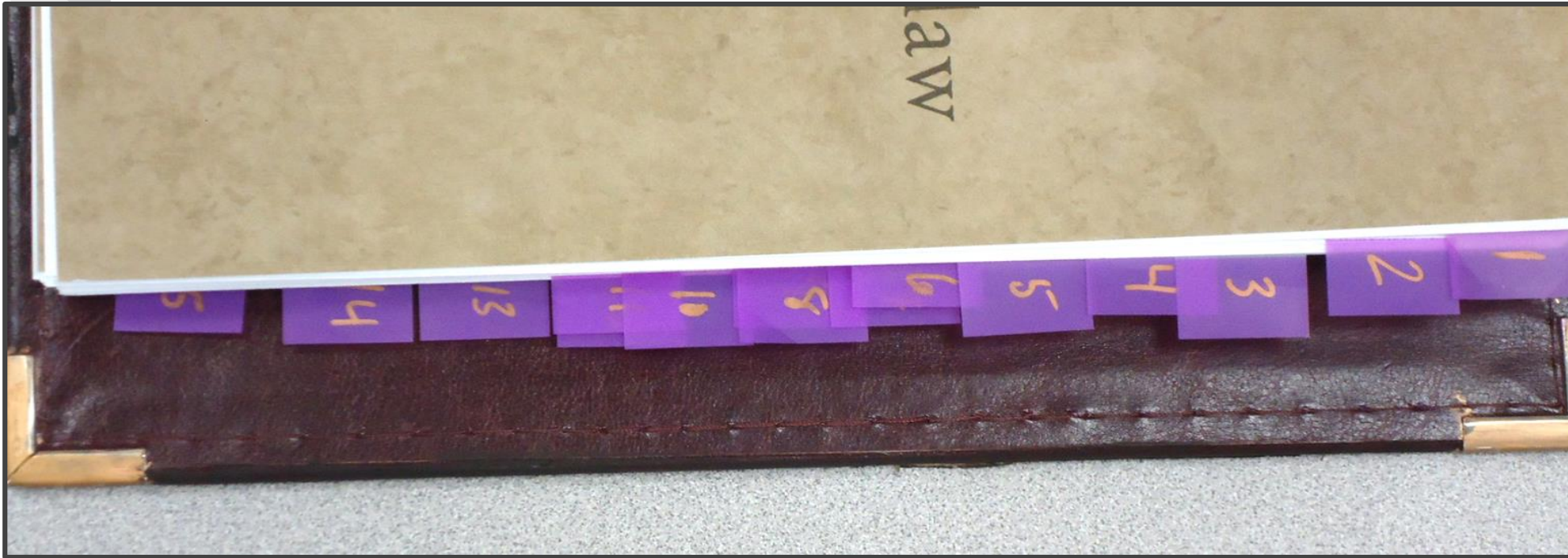
Team 11472 Presents...

The Rice Ravenclaw House Engineering Notebook

Organization



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Organization

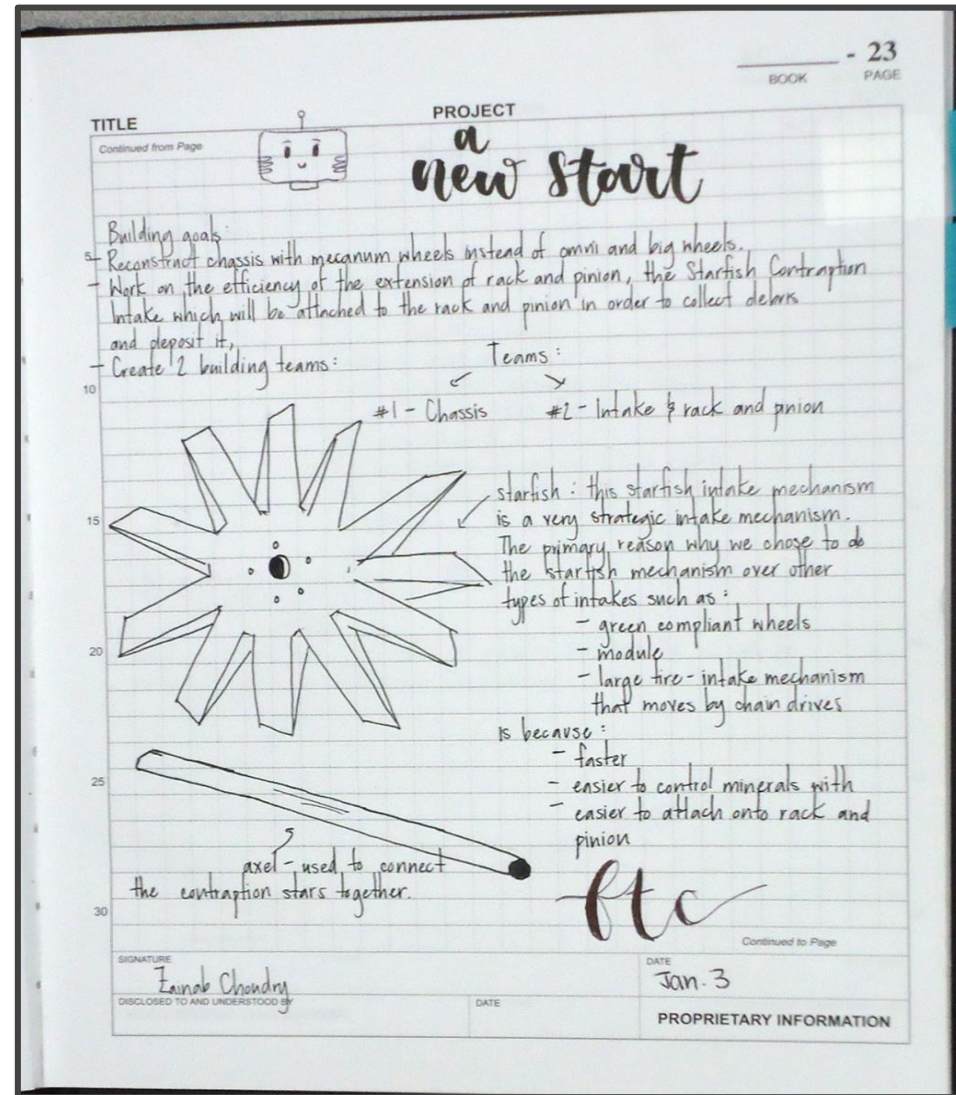


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Best Practices

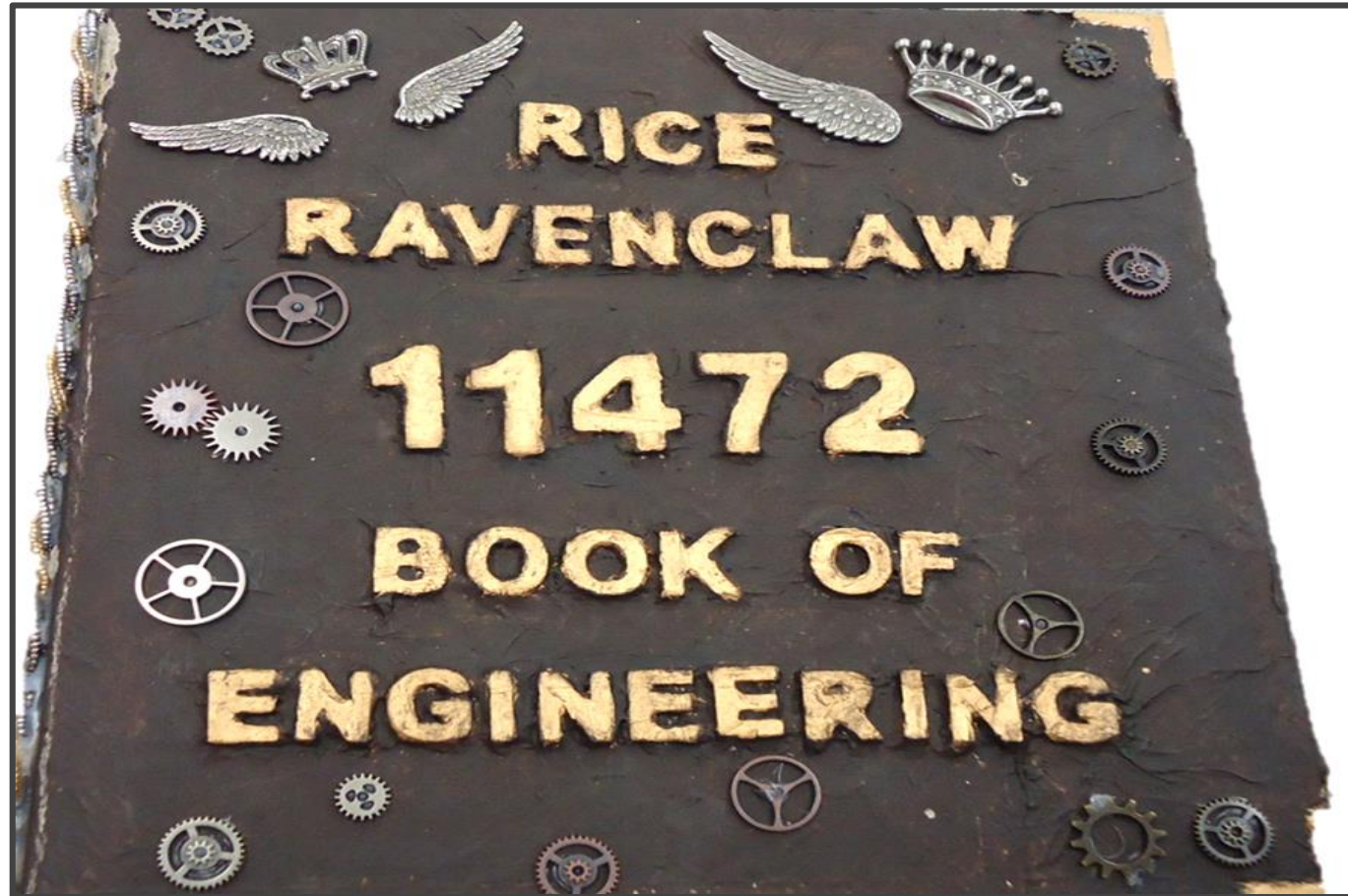
- Avoid too much 1st person narrative
- Include specific details
- Keep entries and drawings technical



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Aesthetics



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Questions?

