

NEngA Study Guide

Make sure to read ALL, you will need all of it!

Acronyms

- STEAM- Science, Technology, Engineering, Art, Math
- NEngA- Non-Engineers who are Awesome
- FIRST- For Inspiration and Recognition of Science and Technology
- GEARS- Girls Engineering Awesome Robots Successfully
- PEST- Politics, Economics, Social Issue, Technology
- SWOT- Strength, Weaknesses, Opportunities, Threats
- WWW- What Went Well
- WNI- What Needs Improvement

Business

- Partnered with *Not Just Popcorn* to create “Red Alert Velvet”
- Partnered with *Strange Brew* to create “Robot Rampage”
- 3 Gold Level Sponsors (Rolls Royce, Endress+Hauser, anonymous downer)
- Translation for Business Plan and Game Plan are in French, and Spanish and is also large print

Outreach

- Care Packages are delivered to teams 3180 and 4926
- 4545 rode with us to Worlds
- 1529 helped set up Cage Match and Kickoff
- We **DO NOT** make money during outreach events
- Library Demos- Bring robot, hand out spirit items, and talk about FIRST and our team

- Silly Science Fair- Bring sciences related activities for kids
- Ice Cream- Recruit new members
- We have 13 FIRST teams in our school corporation (1 FRC, 2 FTC, 8 FLL, 2 Jr.FLL)

Team

- 75% of our mentors do not have children on the team
- 33% of our team is composed of girls
- Our team was established in 2005
- Lou Holtz`s three questions: Can I trust you? Do you care about me? Are you committed to excellence?
- GPA must be 2.0 or higher to travel
- Woodie Flower Nomination: Snod

Media

- redalert1741.org
- Student handbook can be found under the resource tab
- We have a “weekly” Red Alert On Air

Non-Engineering Awards

- Spirit
- Media
- Safety
- Entrepreneurship
- Chairman`s

- ❖ Word count for Chairman`s essay is 10,000
- ❖ The Chairman`s video can be five minutes long
- ❖ In the start of this years Chairman`s essay we have a quote from Albert Einstein

**** For the last question circle all! This is how we know that you utilized the study guide. Please answer the Google form to show us that you read all the way through!*

https://docs.google.com/forms/d/1ut6Iz9cSaloViFJZxj1pkQ8jjkr3GmEZBY_tdIQyIAQ/viewform