

2024-25 Business Plan

FRC Team 2992

The S. S. Prometheus

Mandeville High School

Mandeville, Louisiana



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website

Section 1 – Executive Summary

Motto – We build robots and so much more!

Vision Statement – Team 2992 strives to educate and inspire the next generation while making STEAM accessible. Our goal is to spread interest in STEAM to our entire community through outreach and gracious professionalism.

Mission Statement – Team 2992 pursues our vision by creating a fun environment for peers to learn, socialize, share ideas, and more, aiming for self-improvement through learning to overcome and enjoy challenges.

1.1 – Team History

Mandeville High School's tradition of competitive robotics started in 2008. The team was founded by a former member of Team 1477 Texas Torque who had moved to the area and wished to pursue FIRST further. In our rookie season, the team successfully qualified for the World FRC Championships.

Originally, the team dubbed itself Prometheus, donning red and white colors. However, because Mandeville High is “The Home of The Skippers”, the school requested, after our second season, that we alter our fiery theme. This led to the creation of the name we bear today: The S.S. Prometheus.

The S. S. Stands for “Sailing Ship”, thus the 2992 blue. Now, the name takes on several meanings. Prometheus was the titan that gifted fire and knowledge to humans. This resonated with us because we spread STEAM innovation. To add to this, the S.S. Prometheus happened to be an actual repair ship that served the U.S. Navy during both world wars, and we pride ourselves

on helping others whenever possible. Last, but certainly not least, our team's bond is as strong as any ship crew's that have endured the dangers of the sea.

Since our founding, we have never faltered in our existence, gaining new experiences and finding new ways to sustain ourselves in even the toughest of seasons. In the 2015-2016 season, we began a partnership with the City of Mandeville in which they graciously agreed to lend us space in the Public Works Building for our shop.

Every season is a unique and vital portion of our history; we are looking forward to yet another exciting year!

1.2 - Prior Awards

2009

Bayou Regional- Rookie All Star Award, Highest Rookie Seed Award

2010

Bayou Regional- Winner, Imagery Award

2011

Bayou Regional- Imagery Award

2012

Bayou Regional- Regional Finalists, Industrial Design Award

2013

Bayou Regional- Judges' Award

2014

Arkansas Regional- Regional Finalist, Gracious Professionalism Award

2017

Lone Star North Regional- Team Spirit Award

Arkansas Rock City Regional- Creativity Award

Carver Division- Championship Subdivision Finalist

2018

Bayou Regional- Regional Finalists, Creativity Award

2019

Bayou Regional- Regional Finalists, Judges' Award

Arkansas Rock City Regional- Regional Winners, Autonomous Award

Hopper Division- Championship Subdivision Finalist

2020

Rock City Regional- Semifinalist, Judges Award

2021

Infinite Recharge at Home- Sodium Group Winners, Game Design Challenge, Design Award

2022

Tallahassee Regional- Chairman's Award, Finalist

Bayou Regional- Dean's List Finalist, Woodie Flowers Finalist, Finalist

World Championship- Hopper Division Quarterfinalist

2023

Magnolia Regional- Finalists, Excellence in Engineering

Bayou Regional- Gracious Professionalism Award

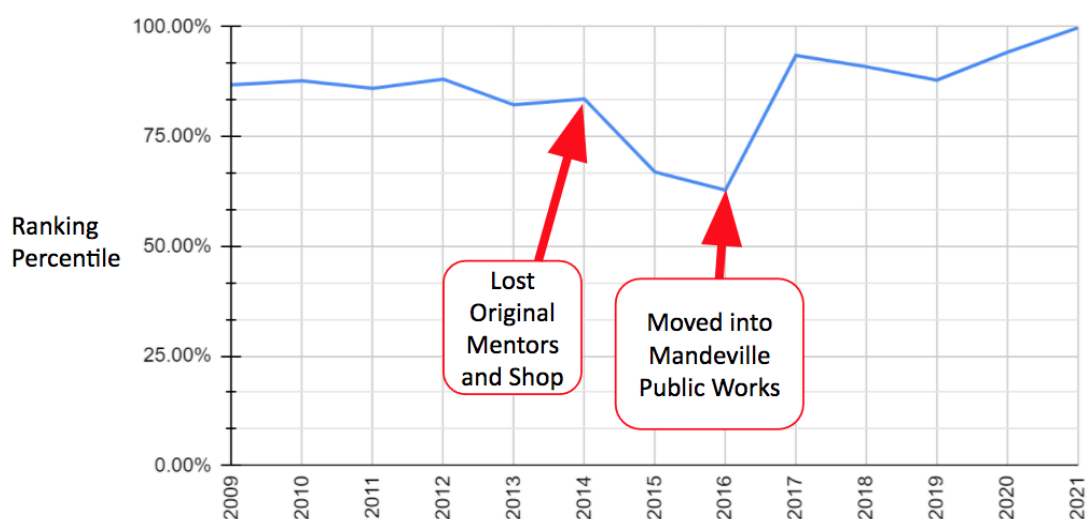
World Championship- Newton Division Semi Finalists

2024

Magnolia Regional- Winner, Dean's List

Arkansas Regional- Judges Award

Starting in our rookie year in 2009, we won the Rookie All-Star Award, advancing us to the world championships. In 2010, we earned our first regional win at the Bayou Regional. We would continue to perform in the top 25% until 2014, when we lost our founding mentors and shop space. In 2015 and 2016, our team fundamentally restructured and we gained a new lead mentor, Mr. Mike Sonnier. After the 2016 season, we were able to move into our current shop space, Mandeville Public Works. Between 2017 and 2020, we got back to ranking in the top 25%, and we were World's Division Finalists in 2017 and 2019, worlds Alliance Captain in 2018, and Arkansas Regional Winner in 2019.



When the COVID-19 pandemic struck, our team did not rest. We spent nearly a year designing, building, and programming our 2021 robot, which would go on to win the Sodium At-Home Division and unofficially rank 3rd worldwide. We continued onward to win both the Red Stick Rumble and Ozark Mountain Brawl offseason events.

During the 2022 season Team 2992 took home the Chairman's Award for the first time in team history at the Tallahassee Regional. Then, at The Bayou Regional we took home the Woodie Flowers Finalist award for our Lead Mentor, Mr. Mike Sonnier, due to his continued support of the program over the last decade. That year one of our alumni, Oliver Casey, who now mentors Denham Venom, claimed the Dean's List award. In 2023, we advanced to Semifinals on our field at World's as an alliance captain, making it the farthest in our team's recent history.

This most recently completed season, Crescendo, we won our way to the World Championship at the Magnolia Regional. At this competition, another of our members and then Captain, Donovan Barilleaux, won Dean's List. We were part of the fourth alliance at The Bayou Regional and were awarded Judges' Award at the Arkansas Regional



This season, we hope to continue to build upon our successes and our goal is to make it to the Einstein finals at the Houston World Championship.

But regardless of how far we make it, we will learn, inspire, innovate, and have fun along the way!

1.3 – FIRST

FIRST (For Inspiration and Recognition of Science and Technology) was founded to promote science, technology, engineering, art, and math by engaging high school students in a “varsity sport for the mind”. Mandeville High School’s Team 2992, The S. S. Prometheus, is one of approximately 3340 FIRST Robotics Competition (FRC) teams participating in this rigorous and exciting program. Each January, a new competition is unveiled and teams are given about 2 months to design, build, and program a robot that must accomplish a variety of tasks in a collaborative game through both autonomous and teleoperated control.

The process of building an FRC robot includes game analysis, design, prototype development, building, testing, and integration. Students apply academic skills such as calculus, geometry, physics, and computer science, gaining experience in areas including leadership, business, project management, software development, systems design, electrical and mechanical engineering, parts fabrication, and Computer Aided Design (CAD).

1.4 – Inclusion

Participation in Team 2992 is free from any kind of discrimination and we are proud of our diverse student body. Team 2992 actively reaches out to underrepresented communities, and our recruiting efforts are conscious of the unique challenges these groups face in gaining access to STEAM. Our annual robotics and science camps are extended at free and reduced costs towards financially challenged families, and financial aid is extended to team members for the costs associated with membership and competitions.

1.5 – Membership and Mentorship

Student Membership is available to any Mandeville High School student above . There are currently about 25 student members on the team who contribute to the team in a wide range of capacities. Membership dues are only \$50 but can be waived for individuals with low income households.

Our team is lucky to have the support of about 10 mentors with experience in a range of fields, including engineering, computer science, graphic design, fundraising, and community outreach. Mentorship is open to any adult who upholds the FIRST Core Values. Alumni are encouraged to come back and mentor the team to pass on their knowledge to the newer students on the team.

1.6 – Leadership

Team 2992 is proud to be student-led: decision making responsibility is given to the student officers to develop project management and teamwork skills and foster student confidence. A full list of officer qualifications and responsibilities can be found in the team handbook. Student officers serve one-year terms.

There are two types of officers for Team 2992 – Elected Officers and Appointed Officers. Elected officers include Team Captain and Secretary/Treasurer. These officers are elected after the FRC competition season. They must be due-paying members with at least 1 year of officer and general team experience respectively.

There are also 11 Appointed Officers: Finance Lead, Outreach Lead, Media Lead, Design Lead, Programming Lead, Shop Manager, Spirit Lead, Scouting Lead, Build Manager, Assembly Lead, and Fabrication Lead. These Appointed Officers are chosen by the group of nonparent mentors shortly after the elected positions are chosen.



Section 2 – Community Impact

2.1 – Outreach

Team 2992 is very passionate about our involvement in our community. We do more than 20 robot demos and STEAM booths each year, including:

- Home football games (T-shirt cannon robot)
- NASA Infinity Center open house events
- Girl Scouts
- 2 STEM Fests
- Shell Career Day
- Wooden Boat Festival in Madisonville
- Earth and Science Day at Pontchartrain Elementary School
- MHS Informal
- Barnes and Noble

Other relevant outreach events include:

- Attended the NAMI walk to advocate for mental health awareness, helping attendees and demoing our bot
- Hurricane Ida cleanup and restoration efforts
- Promoted and helped run our school's Thanksgiving food drive, with thousands of food items donated.
- Printed over 600 toys for Toys for Tots
- Recently joined a wave of #FIRSTwithAT in which we help those who need personalized assistive technology

- Collected donations including toys, monetary, and food for Hope House, Anti Human Trafficking, and Toys for Tots as we demoed our robot at Sam's Club



Through these efforts, we have inspired thousands of students and shown them just how cool robotics can be. We have also raised awareness for FIRST, connecting interested students with FIRST teams in their area and providing resources to start a team if one does not exist yet.

2.2 - STEM Camps

The students of our team organize and run robotics and science themed summer camps for over 100 children each year. Children engage in fun science and STEM experiments, and also build, program, and compete with Lego EV3 robotics kits. Kids often come back every year until they age out, and it has inspired multiple students to join our team later on.

2.3 - STEM Advocacy

Local - Our team engages with our local government through school board demos and media appearances to promote STEM education. We host an annual Media Night for government officials, local businesses,



students and teachers, sponsors, and media organizations to advocate for the importance of STEAM program access for all.

State - Our team participated in the Louisiana Festival de Robotique, an annual robotics event at our state capitol to meet with state legislators and advocate for expanded STEM education across our state. We are happy to say that as a result of the event, our state legislature passed Act 392 of SB 225, which created the LaSTEM advisory council to oversee the equitable expansion of STEM programs across the state!



National - In the summer of 2020, our team members virtually participated in the Student Association for STEM Advocacy's National Advocacy Conference (SASA NAC). We met with the offices of US Senators Kennedy and Cassidy and US Representative Scalise and advocated for the increase of ESSA Title IV Part A Student Support and Academic Enrichment grants. These funds support well-rounded education (including STEM programs like FIRST) and expansion of technology in schools, with an emphasis in helping underserved communities. As of February 2022, this program will be funded at \$1.3 Billion for FY22, an increase of 85 million dollars from the previous year! Our team plans to send our business leads to Washington next year to lobby congress with SASA NAC.

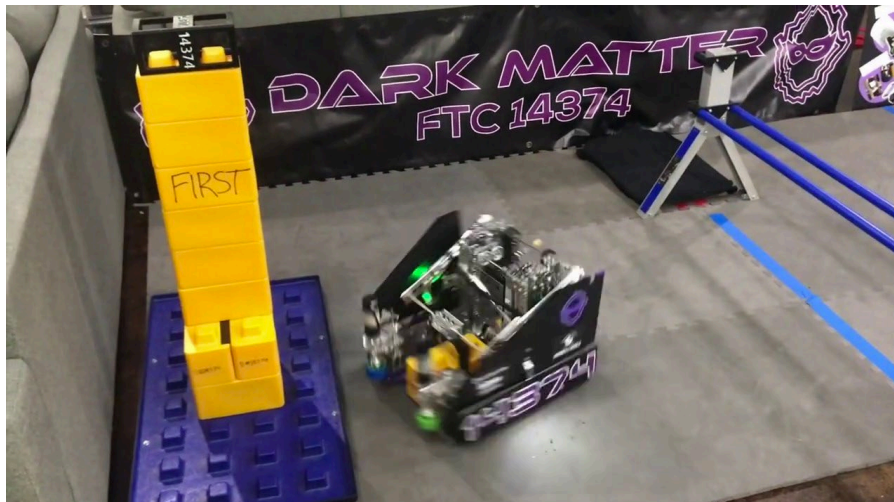


2.4 - Supporting FIRST

FLL: Our team is proud of our contributions towards supporting local FLL teams. We have helped an FLL team at Tchefuncte Middle School. Even more importantly, we work to keep the teams going after they have been

started - for example, when COVID 19 restrictions allowed, we sent team members to mentor the Tchefuncte team twice weekly.

FTC: A major recipient of our support is FTC team Dark Matter 14374. Our team continues to provide mentorship over 6 years after their founding, helping them win the Louisiana Inspire Award and qualify for Worlds multiple times. When their team had to transition from a school team to a community team with new coaches and mentors, we were instrumental in providing guidance and temporary practice space. Our team also provides volunteers for FTC competitions and scrimmages. We also actively mentor FTC Teams 21032 from Madisonville Jr. High and 25619 from Mandeville Jr. High. In the past, our members have visited their schools to mentor them but as of the 2024 season, we have begun an integration program. This consists of the Jr. High kids coming to our shop to be mentored, spending their freshman year with their old team until the ftc season is over, after which they officially join 2992 prepared for FRC. Many of our past and current members have been a part of these FTC teams.



FRC: Through our Lifeboat crew initiative, which started at the 2019 Arkansas Rock City regional, we have helped an average of 10 teams at each competition make bumpers and resolve mechanical, electrical, and programming issues so they can pass inspection and compete without worry. We have also provided guidance and tool access to many FRC teams, such as 8118, 3991, 3478, and 4087. Many of our mentors are also active on Chief Delphi, the unofficial FRC forum to help many teams across the country. Our lead Mentor, Mr. Mike Sonnier, has started a venture to develop a mentor network across the Louisiana-Mississippi Area. This network has been

developed to help teams expand their knowledge in all aspects of FRC from machining to award submissions.

2.5– Northshore Knockout

Northshore Knockout is Team 2992’s Offseason FRC event that has been around since the 2021 offseason. We began this event in conjunction with Beach Bot Battle because we saw a serious gap in offseason FRC events for the Gulf Coast. We planned to have it biannually, alternating with the other event. Our team knew we had the resources and abilities to host a successful and sustainable offseason FRC competition.

During the 2021 offseason, all preparations were made. At the last minute we received word from AndyMark that due to the rising Covid-19 Delta variant cases, the inaugural Northshore Knockout was put on hold. We attempted to reschedule the event to a later date, but in the end it was a better use of the team’s resources to push the event to the summer of 2022.

The official inaugural Northshore Knockout was held in the Summer of 2022. This event was made possible by our largest corporate sponsor Chevron. We welcomed over 15 teams and 20 robots to compete at the first ever FRC competition held at Mandeville High School. This event was held in high praise from other teams and volunteers. With the last Beach Bot Battle taking place in 2023, we solidified our tradition the next year with a similar turnout to the first and now promise to hold it annually.

Section 3 – Financial Summary

(See Budget and Sponsorship Info in Appendix)

3.1 – The Booster Club

A large portion of our team’s finances are handled by parent volunteers through our Booster Club. The MHS Robotics Booster Club is classified as a 501(c)3 non-profit organization, allowing for tax-deductible donations. The Club provides budgeting and purchasing guidance to help support the team’s educational and charitable projects, while also ensuring the team’s financial sustainability for the years to come. With the help of the booster club, the team can make purchases much quicker and with significantly fewer

restrictions than purchases made through the school account. The executive board of the booster club has regular meetings and corresponds with student officers throughout the year to set budget allocations. The executive board presents the budget for the year at our annual team parent meeting to be approved by the majority of booster club members.

3.2 - Fundraising

Our team runs multiple annual fundraisers, many of which also serve as outreach to the community. While a large portion of our revenue does come from sponsorships, we highly value fundraising as a way to keep our team members active and engaged, benefit the community, and supplement the team's budget.

A long-running annual fundraising event is our book fair with Barnes & Noble, where we do robot demos at the entrance, run STEM activities for kids, and provide free gift wrapping outside the store. We receive about 8% of the proceeds from customers who mention us at the checkout line, as well as tips for gift wrapping. We also hold other fundraisers, such as selling award-winning barbeque meals, personalized Christmas ornaments, and Mothers Day flowers.

The most significant portion of our fundraising revenue comes from our STEM camps detailed in section 2.2.

3.3 - Sponsorship

Our team's annual budget is largely supported by our generous sponsors. Our team works to maintain a strong relationship with our sponsors, as well as reach out and expand our sponsorship base. Our annual Media Night is critical in recognizing our current sponsors, updating them on our achievements, and finding new sponsors. We are very thankful for our sponsors' support in keeping our team thriving.

The following are some of our major sponsors. Unfortunately there is not enough space to highlight all of them:

- Competition registration fees for our two regional competitions are covered by **NASA** and a **combination of other sponsor donations**
- **Chevron** will continue to support our Northshore Knockout Offseason Event for the coming years
- **Livudais Electrical and Construction** makes significant annual financial, robot parts, and tool contributions.
- **The City of Mandeville** donates shop space at the Mandeville Public Works and opportunities to for outreach events



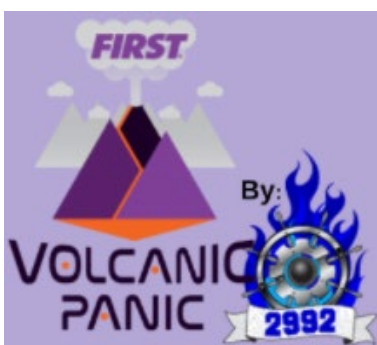
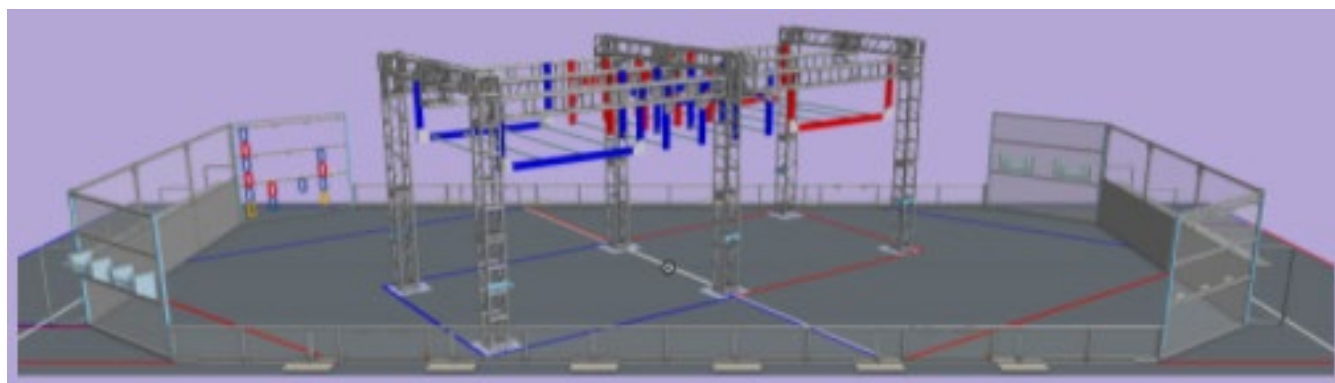
Section 4 – Sustainability

4.1 – Staying engaged during the COVID pandemic

When the COVID-19 pandemic struck, the FIRST season was canceled, which had a devastating effect on the well-being of many FIRST teams. Nevertheless, our team worked hard to continue our programs to innovate in safe ways. We participated in multiple virtual challenges, which kept our team engaged and benefited the community.

FRC Game Design Challenge

The FRC Game Design Challenge was a virtual challenge offered by FIRST, where teams could design their own FRC game. Our team designed Volcanic Panic, a game where robots assembled chains of magnetic links and traversed monkey bars in the endgame. We won our division's Designer's Award and advanced to compete in the semifinalist round for the 2021 season.

Game ManualGame VideoChezyCode

The Cheesy Poofs hosted the ChezyCode programming challenge over the summer of 2020 where teams could submit programs that would benefit the community. Our team created a free phone app called Collabocate, which enabled groups of people, including FIRST teams, to collaborate on projects virtually. The Collabocate app received the 2nd place award and a \$75 prize from The Cheesy Poofs.

Onshape's Robots to the Rescue challenge

The Onshape Robots to the Rescue challenge asked teams to CAD (Computer-Aided Design) a robot to solve a real-world problem related to the COVID-19 pandemic. Our team, in collaboration with FTC team Dark Matter 14374, designed a robot to deliver groceries from a van to people's doorstep. This would allow elderly and immunocompromised people to receive groceries

without taking a risky outing to the grocery store. We received 12th place, the Down to Details award, and a \$100 scholarship for our work.

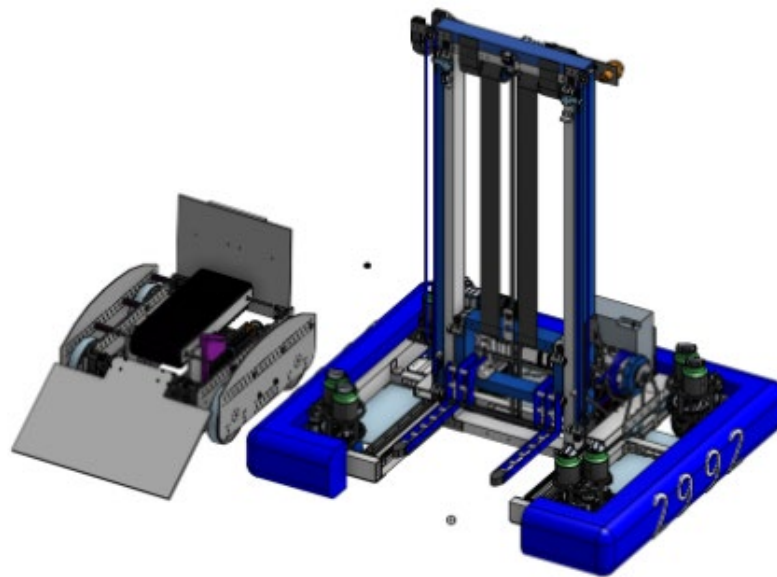
4.2 -

FRC Team 2992 - The S. S. Prometheus

Mandeville High - Mandeville, Louisiana

In partnership with Dark Matter FTC 14374

SWOT



Analysis (See appendix)

The SWOT analysis was used to evaluate the Strengths, Weaknesses, Opportunities, and Threats to our team. The strengths and weaknesses refer to internal factors of our team. The opportunities and threats refer to external factors our team may encounter. The items listed are in no particular order.

4.3 - Risk Analysis and Action Plan

One of the most important factors in maintaining a successful team is actively identifying your weaknesses and how you can improve on them. The team leadership identifies these weaknesses in a variety of ways, including the SWOT analysis, frequent officer meetings, and anonymous team member feedback forms. We have identified one risk as clearly the most pressing - the skills needed not being introduced to young minds on the team early enough.

Between 2017 and 2020, we consistently had between 35 and 45 active members on the team. However, since the 2021 season, this number has dropped to about 25 members. This was due to Covid 19 preventing us from our usual methods of recruiting and since then we have been trying to rebuild our lost numbers. This lack of new membership has hindered our ability to work on multiple tasks simultaneously and has led to difficulty finding student leaders for some roles. However, beginning this season, Team 2992 has expanded FTC in all of our feeder junior high schools, and others across the parish. We have established FIRST Lego League Challenge teams in 5 middle and junior high schools across our parish, and have also established 20 FIRST Lego League Explore teams at a local elementary school.

This year, our team leadership has worked tirelessly to respond to this challenge by creating and expanding multiple recruiting initiatives, including:

1. FTC feeder
2. STEAM Children's Camp
3. New Media Content (see appendix)
 - a. Active creation of new media content, including:
 - i. Promotional recruiting videos
 - ii. Robot reveal videos
 - iii. First Updates Now (FUN) Behind the Bumpers interviews
 - b. An active presence on social media
 - i. Foster student engagement of Instagram
 - ii. Engage parents on team Facebook page
4. Spreading the word at our school
 - a. Multiple flyers and robotics presentations at our school's engineering and science classes
 - b. 3D-Printed Hall Passes given to all teachers as a Christmas gift with "Mandeville Robotics" engraved to raise STEM interest
 - c. Club Expo where we give demonstrations to the entire student body
5. Media Night
 - a. Spread the word about our team and STEM
 - b. Invite students and teachers
 - c. Engage and invite active sponsors
6. Internal improvements
 - a. Expanded technical equipment available to attract technical members

- b. Emphasizing the importance of business, communications, and art subteams
- c. Engaging with new members to get them invested with the team

Through these initiatives, we have seen an influx of new members and now have more freshman members than ever before. Many of them show interest in leadership and continue to move our team in an exciting new direction.

4.4 - Future Plans

The advancement of the Northshore Knockout offseason event to become more sustainable and competitive is of utmost importance to our team. We will continue our relationship with Chevron, our events title sponsor, to bring a high quality and enjoyable event for its attendees. We also hope to expand sponsorship for the event to other local businesses and national corporations to ensure that this event will continue for generations of Team 2992 students. With the discontinuation of team Fusion's Beach Bot Battle, we plan to hold Northshore Knockout on a yearly basis with continuing Chevron support.

We are currently in the developmental stages of organizing and creating a STEM space for all schools in St. Tammany Parish. We are currently working with our local school board to build a fully operational robotics lab for all students and robotics teams. This would be home for 5 FRC teams, 8 FTC teams, and over 30 FLL teams at the various levels.

At this shop we hope to have a full size FRC practice field, multiple full FTC practice fields, and multiple FLL boards. We hope that this facility will also have a full sized machine shop with a variety of capabilities to enhance the ingenuity and creativity of all students in St. Tammany Parish. This center will be open 5 days a week throughout the year, and staffed by members of the local community.

While the plan certainly is ambitious, we are confident that it is attainable. We have been discussing this with our school board for the last few months and the future is looking bright.

The school board is also working with us to expand our STEM kit initiative throughout the parish. The STEM kit is a hydraulic arm made of 3D printed parts that can be assembled by students with easy to follow instructions. We distributed our first round to Pine View Middle School in Covington, where students were excited to bring them home and assemble them. Due to their easy manufacturing and distribution, we are looking to expand this program in the coming years.

Appendix

Budget Report w/o Roll-Over - Current Year

8/1/2022 through 7/31/2023 Using 2022-2023 Budget

9/1/2022

Page 1

Category	Actual	2023 Budget	Difference
INCOME	0.00	24,600.00	-24,600.00
Booster Club Dues	0.00	400.00	-400.00
Fundraisers	0.00	15,700.00	-15,700.00
Community Fundraisers	0.00	700.00	-700.00
Summer Camp Revenue	0.00	15,000.00	-15,000.00
General Donations	0.00	5,000.00	-5,000.00
Team Shirts & Gear	0.00	3,500.00	-3,500.00
EXPENSES	0.00	25,120.00	25,120.00
Administrative	0.00	1,570.00	1,570.00
Accountant Services	0.00	250.00	250.00
Annual Insurance	0.00	400.00	400.00
Annual PO Box Rental	0.00	175.00	175.00
Bank Fees&Charges	0.00	105.00	105.00
Gifts - Donations	0.00	250.00	250.00
Office & Cleaning Supplies	0.00	200.00	200.00
State Annual Fee	0.00	40.00	40.00
Technology & Office Supplies	0.00	150.00	150.00
Fundraising Expenses	0.00	5,100.00	5,100.00
Community Fundraise Expenses	0.00	100.00	100.00
Other Fundraising Expenses	0.00	100.00	100.00
Summer Camp Supplies & Expenses	0.00	1,500.00	1,500.00
Summer Camp Teacher	0.00	3,400.00	3,400.00
Registration Fees	0.00	2,500.00	2,500.00
Competition Registration Fees	0.00	1,500.00	1,500.00
FIRST Registration Fee	0.00	1,000.00	1,000.00
Robot and Field Element Expenses	0.00	8,000.00	8,000.00
Field Elements	0.00	1,000.00	1,000.00
Robot Parts	0.00	4,500.00	4,500.00
Team Requests	0.00	1,000.00	1,000.00
Tools	0.00	1,500.00	1,500.00
Team Events	0.00	4,950.00	4,950.00
Awards and Recognition	0.00	750.00	750.00
Media Night	0.00	450.00	450.00
Mentor Travel Reimbursement	0.00	3,000.00	3,000.00
Spirit	0.00	250.00	250.00
Student Meals and Snacks	0.00	500.00	500.00
Team Shirts & Gear Expenses	0.00	3,000.00	3,000.00
Net Difference:	0.00	-520.00	520.00

SWOT Analysis

Strengths (Internal and Helpful)

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. Financials <ol style="list-style-type: none"> a. Large budget b. Significant annual carry-over c. A consistent group of sponsors 2. Parents <ol style="list-style-type: none"> a. A large group of parent mentors b. Dedicated parent booster club to oversee finances c. Happy to provide transportation/carpooling 3. Equipment <ol style="list-style-type: none"> a. Advanced machinery - CNC, 3d Printers, etc. b. Large tool and part inventory | <ol style="list-style-type: none"> 4. STEM Advocacy <ol style="list-style-type: none"> a. Participate in STEM National Advocacy Conference (SASA NAC) b. Local Gov. at Media Night c. Presentations at school board and city council meetings d. Festival de Robotique at the state capital 5. Reputation <ol style="list-style-type: none"> a. History of increasing successes 2017-today |
|--|---|

Opportunities (External and Helpful)

- | | |
|---|---|
| <ol style="list-style-type: none"> 1. Host Northshore Knockout offseason event <ol style="list-style-type: none"> a. Held successfully last year in our own school gym b. Alternate years our event is held with Team 364 2. Local FIRST growth <ol style="list-style-type: none"> a. FTC and FLL program expansion b. Increased presence of FIRST in the community | <ol style="list-style-type: none"> 3. Manufacturing process innovation <ol style="list-style-type: none"> a. Decreasing cost of advanced machinery b. Free cloud-based CAD allows collaboration |
|---|---|

SWOT Analysis

Weaknesses (Internal and Harmful)	
<ol style="list-style-type: none"> 1. Transitions in leadership <ol style="list-style-type: none"> a. Need more documentation and training for new leaders b. Trouble filling some roles - see Risk Analysis and Action Plan 	<ol style="list-style-type: none"> 3. Communication <ol style="list-style-type: none"> c. Too many communication channels 4. Shop Disorganization <ol style="list-style-type: none"> a. Unclear organization system b. Members are not sufficiently motivated to clean their area
Threats (External and Harmful)	
<ol style="list-style-type: none"> 1. Continued Shop Access <ol style="list-style-type: none"> a. Our shop is lent to us by the city public works department b. Changing Public Works Director every 4 or 8 years 	<ol style="list-style-type: none"> 2. Outside commitments <ol style="list-style-type: none"> a. Sports and clubs that demand members' time 3. Loss of students <ol style="list-style-type: none"> a. See Risk Analysis and Action Plan 4. Loss of mentors <ol style="list-style-type: none"> a. No clear successor to lead mentor

SPONSORSHIP LEVELS AND BENEFITS

EINSTEIN (\$5000+)

Recognition of the Dean Kamen level plus largest logo when displayed and discount for children of company employees to attend summer camp

DEAN KAMEN (\$3,000-\$4,999)

Recognition of Woodie Flowers Level plus name/logo displayed on robot and name announced with robot at competitions

WOODIE FLOWERS (\$1,000-\$2,999)

Recognition of Chairmans Level plus logo on banner displayed in the pit and at outreach events

CHAIRMANS (\$500-\$999)

Recognition of Engineering Inspiration Level plus name or logo on team t-shirt

ENGINEERING INSPIRATION (\$50-\$499)

Name or logo on website and invitation to Media Night

What It Takes To Fund Our Team

