STRAWBERRY CREST ROBOTICS

SPONSORSHIP PACKET

WHO ARE WE?

We are Strawberry Crest Robotics.

- In 2021, this club was resurrected by a few students in hopes of a true robotics competition team.
- In the 2021-2022 season, we had our breakout year. We took home the VEX Excellence award at the VEX Tallahassee Competition.
- In the 2022-2023 season, we unfortunately could not compete as much due to a lack of funding. We made the best out of this situation by teaching new and old members more engineering and programming skills
- When this club went to its first competition in 2022, we were at a lack of resources and funding. We still managed to pull through and win the VEX excellence award. We have the perseverance and grit to win. With your support, we can actually follow through.

OUR MISSION

To use the power of creativity and engineering to blow your minds and take our students' skills to new heights.

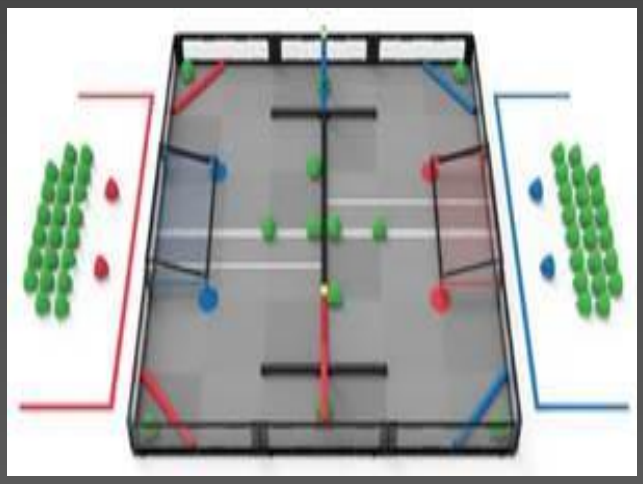
ABOUT VEX

- The VEX Robotics competition is an International high school robotics competition with multiple levels of competition.

An example VEX robot

- Teams must engineer and program robots to compete in game-like challenges.

- This upcoming season (Over-Under), robots will compete in groups of two to score tri-balls into goals.



The game mat for the upcoming season's competition: "Over-Under"

- These competitions and robots can get very expensive, which is why your support is vital to our club's survival

WHY US?

- Your support will go to helping a local public school take their robotics program to new heights.

- Through school robotics programs like these, students are exposed to STEM and Computer Science concepts and careers.

- With your support, we can afford to send our students to higher-level competitions like the State regional and the Worlds championship.

- **With your support, we can afford even more STEM equipment like Arduino boards and team laptops to send our student's learning to new heights**

COSTS & BUDGET

These are the costs for the VEX V5 kits. Our goal is to have multiple Super Kits. As shown in the table below, while Super Kits are more expensive at face value then the Starter Kit, the Super Kit will end up saving us money.

Kit Bundles Alone	
Item	Estimated Cost (April 03)
Starter Kit	$1,149.00
Super Kit	$1,899.00

Main Kit Differences				
Parts	Starter Kit	Super Kit	Difference	Estimated Cost of Difference
Motors	4	8	4	$179.96
5 X 25 Aluminum Plates	4	6	2	$9.99
Omni-Directional Wheels	2	4	2	$27.49
Shaft Collars	32	96	64	$35.96
High-Strength Chain Links	140	700	560	$87.92
			SUBTOTAL:	**$341.32**
Other parts (different sizes of nuts, bolts, wheels, gears, sprockets, etc.)				$600.00 ± $150.00
			TOTAL:	**$941.32 ± $150.00**

Along with the Super Kit, we need add-ons to have a better chance at placing in competitions. The table below illustrates the add-ons we need. (Note: the costs illustrated in this table below are based on a per kit basis.)

Item	Estimated Cost (April 03)
Advanced Mechanics and Motion Kit	$27.49
Claw Kit V2	$21.99
Flywheel Weight (2-Pack)	$19.99
Turntable Bearing Kit V2	$21.99
High Strength Star Drive Clamping Shaft Collar (2 X 10-Pack)	$21.98
Shaft Couplers (2 X 5-Pack)	$10.98
Metal & Hardware Kit	$89.99
Optical Sensor (2 X 1-Pack)	$91.98
Distance Sensor (2 X 1-Pack)	$91.98
Lithium-Ion Robot Battery (1100mAh) (2 X 1-Pack)	$139.98
V5 Power Cable Assortment (180 mm, 300 mm, 500mm) (3 X 1-Pack)	$98.97
V5 Competition Field Controller Cables (2 X 4-Pack)	$49.98
TOTAL	**$687.30**

COSTS & BUDGET CONTINUED

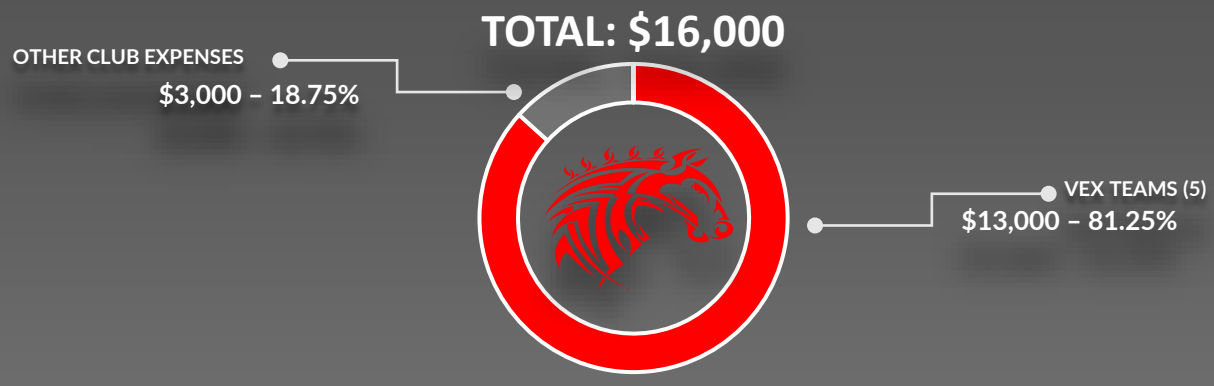
These costs, illustrated below, are club necessities. These are items we require for our club to be able to practice and prepare for competitions. (Note: These items are shared across all of our teams.)

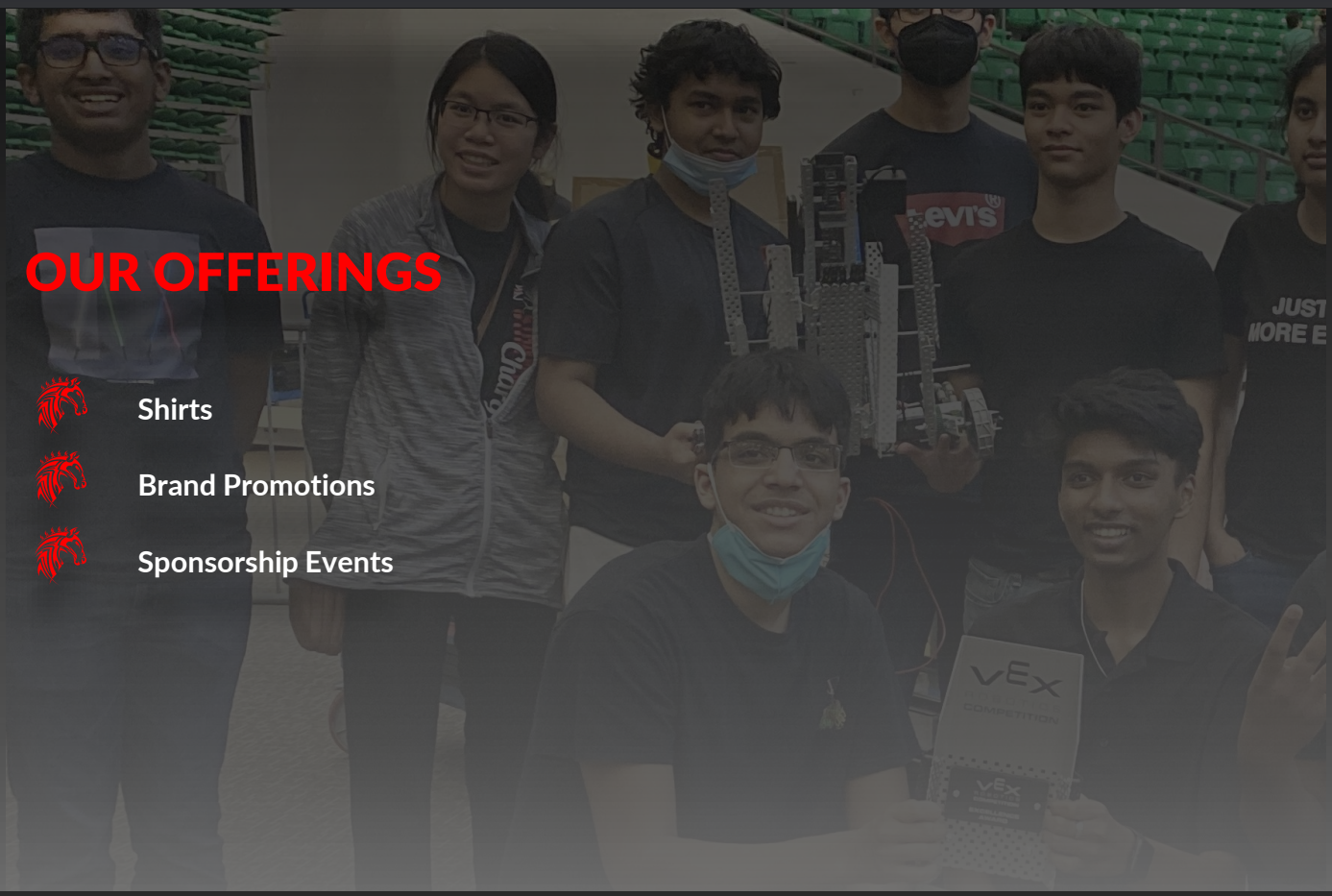
Total Fees	
Parts	**Total Cost**
VEX Controllers (x2)	$249.98
VRC 2023-24 Full Field Element & Game Element Kit estimate	$549.99
VEX Portable Competition Field Perimeter	$799.99
Competition Field Perimeter Kit	$799.99
On-Field Robot Expansion Sizing Tool	$43.99
Smart Field	$149.99
TOTAL	**$2,591.95**

The costs below are the total costs we need for the kits. We already have two kits, so we are hoping to get three more kits. Our costs are calculated removing these two already existing kits. Figures in the parenthesis are the costs with tax added.

Total Fees		
Number of Teams	**Super Kit and Add-Ons**	**Super Kit, Add-Ons, and Club Necessities**
3	$3,960.90 ($4,297.58)	$6,552.85 ($7,109.85)
4	$6,527.20 ($7,103.72)	$9,139.15 ($9,915.98)
5	**$9,133.50 ($9,909.85)**	**$11,725.45 ($12,722.12)**
6	$11,719.80 ($12,715.99)	$14,311.75 ($15528.25)
7	$14,306.10 ($15,522.12)	$16,898.05 ($18,334.39)

This pie chart below shows the allocation of our budget. “Other Expenses” are classified as competition fees and other STEM education spending. If we surpass $16,000 in funding, our allocation of funding will be increased per each category proportionally.

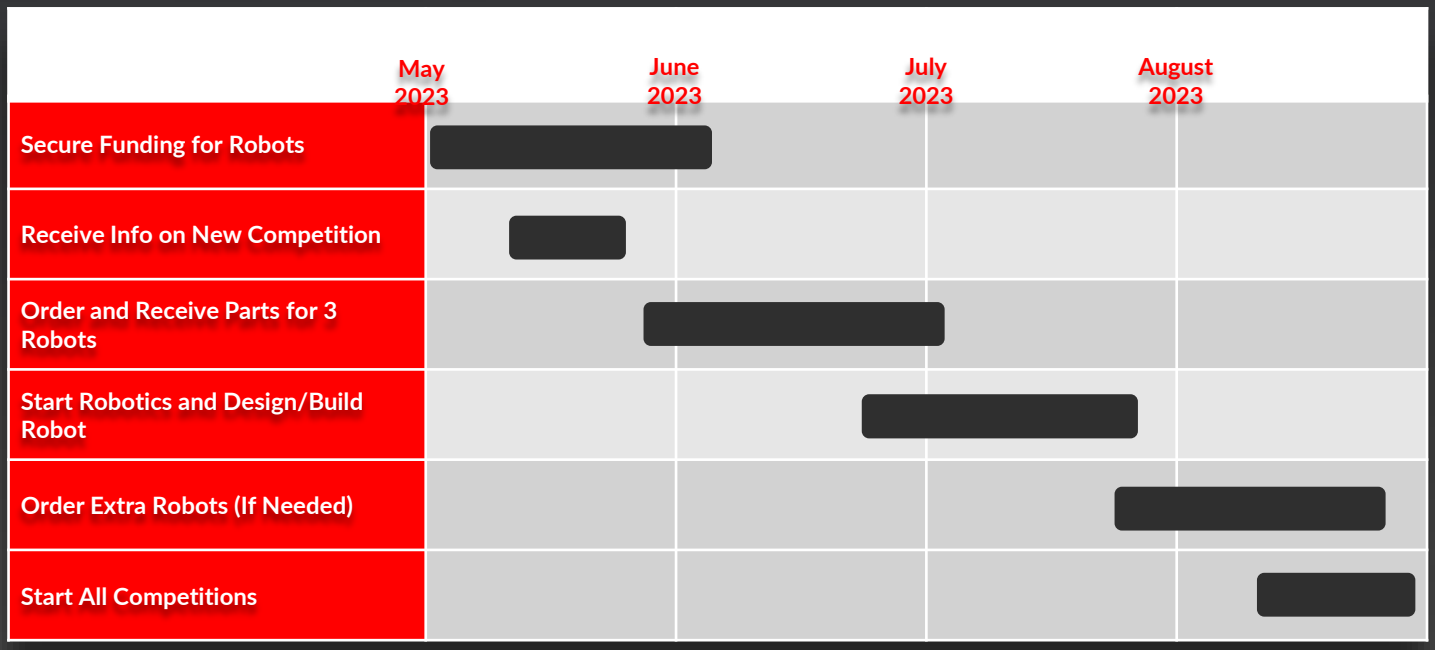




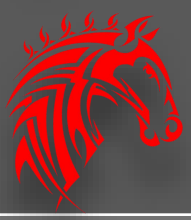
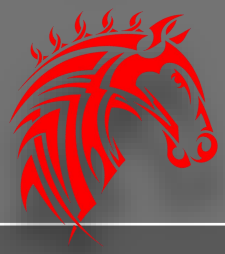
OUR OFFERINGS

- Shirts
- Brand Promotions
- Sponsorship Events

KEY TIMELINE GOAL



SPONSORSHIP TIER LIST

Perks	Tier 1 <$1,000.00	Tier 2 $1,000.00 - $2,499.99	Tier 3 $2,500.00 - $5,000.00	Tier 4 **$5,000+**
Your logo, website, and number on our future website				
Free club t-shirt				
Your logo on back of club t-shirt				
Your logo on front of club t-shirt				
Your logo on the robot				

THANK YOU FOR YOUR TIME!

CONTACT US AT:

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