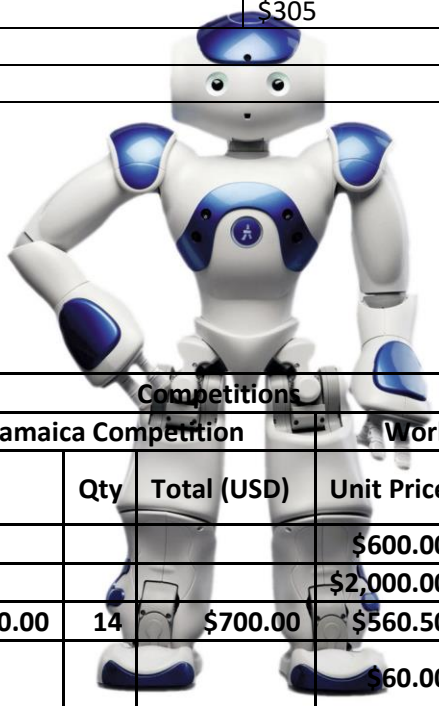
JAMAICA COLLEGE ROBOTICS CLUB
2018- 2019 BUDGET

Pre Competition			
	Unit Price	**Qty**	**Total (USD)**
Control & Communication Set1	$315	1	$315.00
Robot Materials and Parts	$2500	1	$2500.00
Control & Communication Set2	$350	1	$318.00
Electronics Modules and Sensor Set	$400	2	$800.00
TETRIX FTC Competition Set	$1500	1	$1500.00
Annual Subscription	$305	3	$610.00
Total			$6043.00
Total			$773,504



Competitions						
	Jamaica Competition			World Championships		
Details	**Unit Price**	**Qty**	**Total (USD)**	**Unit Price**	**Qty**	**Total (USD)**
Flight				**$600.00**	**10**	**$6,000.00**
Hotel				**$2,000.00**	**3**	**$6,000.00**
Food	**$50.00**	**14**	**$700.00**	**$560.50**	**10**	**$5,605.00**
Local Transport				**$60.00**	**14**	**$840.00**
Miscellaneous	**$600.00**	**1**	**$600.00**	**$1,400.00**	**1**	**$1,400.00**
Registration Fees	**$200.00**	**3**	**$600.00**	**$1,100.00**	**1**	**$1,100.00**
Total (USD) **Total (JMD)**			**$1,900.00** **$262,200.00**			**$20,945.00** **$2,890,410**

WHAT IS FIRST?

Founded in 1989 by inventor Dean Kamen, FIRST has grown steadily towards being an international phenomenon. FIRST is designed to introduce kids of all ages to the fun and excitement of science, technology, engineering and math, motivating them to pursue education and career opportunities and become leaders in these important fields.

For Inspiration and Recognition of Science and Technology; we call FIRST Robotics Competition the ultimate Sport for the Mind. High-school student participants call it “the hardest fun you’ll ever have.”

Under strict rules, limited resources, and an intense six-week time limit, teams of 20 or more students are challenged to raise funds, design a team “brand,” hone teamwork skills, and build and program industrial-size robots to play a difficult field game against like-minded competitors. It’s as close to real-world engineering as a student can get. Volunteer professional mentors lend their time and talents to guide each team. Each season ends with an exciting FIRST Championship.

FIRST® Tech Challenge

Matches are played on a Playing Field. Two Alliances – one “Red” and one “Blue,” composed of two Teams each – compete in each Match. The object of the game is to attain a higher Score than the opposing Alliance by Scoring Glyphs into the Crypto boxes, transferring Relics to the Recovery Zone, retrieving Jewels, balancing on the Balancing Stones, performing Autonomous tasks, and navigating to specific parts of the Playing Field. The Scoring Elements for the game are 48 Alliance neutral Glyphs, 8 Alliance-specific Jewels (4 per Alliance) and 4 Alliance-specific Relics (2 per Alliance). The game is played in two distinct periods: Autonomous and Driver-Controlled.

Social Impact

Over the years and more recently in the 2016/2017 period The Robotics Team of Jamaica has been invited to several science related events as well as hosting our own to display our knowledge and experience gathered through our participation in the F.I.R.S.T competition since 2010. Outside of the invitations received by the team to science events we currently visit and mentor a few high schools in close proximity to our own such as, Immaculate, St. Hugh's and Wolmer's Girls, who we have inspired to compete alongside and against us in the FIRST competition in Jamaica as of 2019 so that we may no longer be the only Caribbean school to participate in this international competition. Not only do our interactions remain within the islands but overseas as well as we have created bonds with other international teams over the previous years.

Achievements from the 2017-18 Season

New York Qualifiers (February 2018) - Manhattan

During the New York qualifiers at Dalton team 3981 and 6899 was in high spirit has they had put in tremendous effort in the creation their robot and played their respective parts in the completion of the engineering notebook. To start off the team's actives the team was among the first teams that past inspection on their first time. The inspection was followed by judging as we were the 1st team to go in to the judges' room. Unlike other teams we weren't nervous although we were doing this for the first time as we knew that it was important, and we had several practice sessions leading up to the competition, and with practice came confidence and with confidence came better speeches and that's just what we did. After the judging process and field inspection it was time to get into the main activities. The team was nominated for motivate award, the connect award and the design award. However, the team was given the top award the inspire award the judges said that team performed well in all judging categories and was a model FTC challenge team on and off the playing field based on match performance, observations made during team interviews and in the pit area, the team's engineering notebook and performance on the playing field.

During the New York Regional championships at Townsend high school, team 3981 was in high spirit has they had previously won the inspire award at the qualifiers and had put in tremendous effort in the creation of their robot and played their respective parts in the completion of the engineering notebook. After the completion of the final match it was time for the awards and the team was very optimistic of the awards they could win. The team was nominated for motivate award and the connect award. However, the team was given the top award wish was the inspire award. Which would allow the team to advance to the

During the East Super Regionals, team 3981 was in high spirit has they had previously won the inspire award at the qualifiers and regionals had put in tremendous effort in the creation of their robot and played their respective parts in the completion of the engineering notebook. To start off the team's activities the team went through inspection on their first time with no errors. The inspection was followed by judging as we were the 1st team to go in to the judges' room. The game was really challenging as first as we had a few mishaps which led to us losing several matches. However, that didn't deter us as we kept playing each match to the vest of our ability. After the completion of the final match it was time for the awards and the team was very optimistic of the awards they could win. The team was nominated for promote award, the connect award. However, the team was given the motivate award.

At the North World Championships, team 3981 was in high spirits has they had previously won the Inspire Award at the Qualifiers and Regionals and had put in tremendous effort in the creation of their robot and played their respective parts in the completion of the engineering notebook. To start off the team's activities the team went through inspection on their first time with no errors. The inspection was followed by judging as we were the 1st team to go in to the judges' room. The championship lasted a whole week the team had to set up a booth and have various mid-day events to show their culture and team spirt. The team did very well in all their matches and their events. Although the team did well in the matches they were not nominated for an award.


Award 2017-2018
FIRST TECH CHALLENGE


FTA
12787