

SPORT × STEM CAMP

IMPACT REPORT

LET GIRLS READ, RUN, GROW
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NEW YORK, NEW YORK, USA

*Prepared by Idara Otu
Founder of Let Girls, Read, Run, Grow*







WHO WE ARE

Let Girls Read, Run, Grow (LGRRG), is a non-profit organization working to support the development of African adolescent girls through education, athletics and entrepreneurship. Globally, girls face many challenges that can deter their access to adequate education and opportunities to grow beyond their circumstances. Due to forces beyond their control, many lack the support needed to thrive. We know that educating girls transforms families, communities, and generations. When girls participate in athletics, they lead healthier lives both physically and mentally. Through entrepreneurship, girls gain the skills and knowledge to break the cycle of poverty and strengthen their communities.

LGRRG is employing a 3-pronged approach to enhance the experiences of girls at the individual, community, and institutional levels. By creating an enabling environment for education, developing self-esteem and discipline through athletics, teaching entrepreneurship and self-sustenance through STEM projects, we teach girls to make important contributions to themselves and communities.

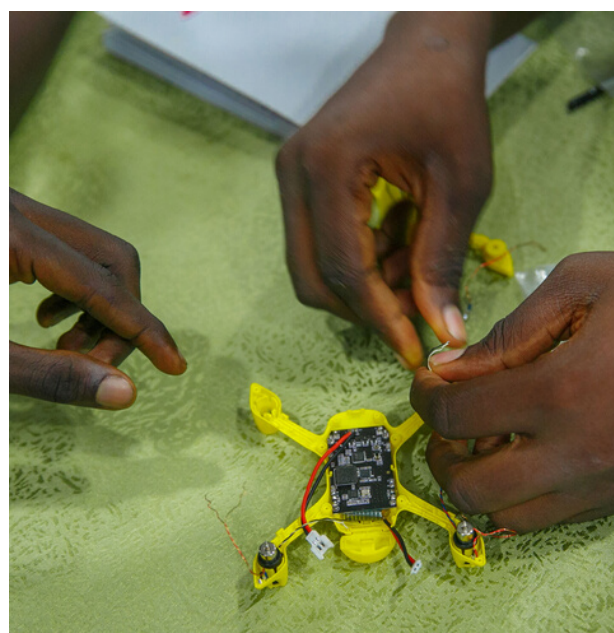


LAGOS SPORT × STEM CAMP

In partnership with Global Air Drone Academy & Gear 'Em Up

In December 2019, LGRRG, collaborated with **Global Air Media** and **Gear 'Em Up**, to organize the first ever 2-day SPORT × STEM Camp in Lagos, Nigeria. Over the course of the 2-day program, the camp hosted 50, 11-15 year-old boys and girls from Lagos, Nigeria, for athletic training, and a STEM workshop. Basketball skills and Track & Field training were led by professional players and Olympians. The campers were taught how sports could yield create significant opportunities both at home and abroad.

During the STEM workshop, the campers learned how to build and fly simple drones. They were exposed to multiple use cases for drones, and came up with original business plans for solutions to real-world problems that could be solved using drones.





BY THE NUMBERS

50 campers
over two
days

21 schools
engaged in
Lagos

10 no. of nano
drones
built



GOALS AND OBJECTIVES OF SPORT × STEM CAMP

- To expose campers ages 11-15 to the world of STEM technology, a core mission of the U.S. Consulate General, Lagos
- To improve student's skills in Science, Technology, Engineering, and Math (STEM) subject areas through the learning and use of drone technology
- To enable students to learn about emerging technology in a fun and engaging environment
- To expose students to real world STEM and its applications in related career and entrepreneurial opportunities
- To enable campers to participate in leadership and team building exercises
- To expose campers to Professional athletes and Olympians
- To teach campers to set specific and attainable goals in sport and life
- To expose campers to other students their age engaged in sports



SCHEDULE RECAP

Thursday, December 19th

AM Session / Basketball Skills Training

PM Session / Build A Drone Workshop

Friday, December 20th

AM Session / Track & Field Training

PM Session / Build A Drone Workshop

WHAT DID STUDENTS LEARN?

Over the course of 2 days, LGRRG accompanied by Global Air Drone Academy and Gear 'Em Up, delivered successful Basketball, Track & Field, and Drone Education workshops in Lagos, Nigeria. High-quality, age-appropriate training were arranged for the campers (aged 11-15 years old).

During the sport sessions, the campers were led by professional athletes and Olympians. They worked on increasing their skills on the basketball court, and learned the fundamentals of proper running technique and speed building.

The campers participated in a hands-on Build-A-Drone workshop, where they learned how to assemble small drones from scratch. We held a competition each day where a camper won and kept the drone that he or she built. Topics included the use of drones in agriculture, real-estate, and the steps needed to launch a drone business in Nigeria.





PARTICIPANT FEEDBACK

During the 2-day camp, we were supported by local schools who shared the camp with their students.

Onasanya A.M., *Principal of Topfield College, Lagos*, had the following to say about the camp:

"The SPORT × STEM Camp held at UpBeat Recreation Centre, in Lekki, Lagos, was a breath of fresh air from the regular camps held in the sports community in Nigeria. It combined an actual extra-curricular activity (drone building) that has academic and professional connotations along with sports—Basketball and Track & Field. As a Principal with a passion for sports, it was quite refreshing to see the kids being giving alternatives to sports and I intend to take steps to start drone building classes in the school soonest, while still pushing to practice sports with a college education in mind."



"The camp was very adventurous and fun. The exciting part of the camp is me being able to learn from other coaches and I also learnt that we can also learn off the court – like the drone building we were being taught. Me participating in the camp helped me to know where I am lacking in my basketball skills and how to go about getting better. I am using this opportunity to thank the SPORT × STEM Team for giving me the opportunity to participate in the camp."

Temitope Joseph, 15-year old Basketball Athlete

"The SPORT × STEM Camp was a fun and enlightening event. At first, I had no idea whatsoever of how to play basketball, but the camp was a great opportunity for me to learn the basics. That is now inspiring me to want to play more sports. It was also a great environment to learn entrepreneurship skills like drone making and planning a business."

Safari Edem, 13-yr old Basketball Athlete





EMERGING INDUSTRIES

The Federal Aviation Administration (FAA) predicts that the commercial drone market will triple in size by 2023.

The NBA, in partnership with the international Basketball Federation (FIBA), is launching the Basketball Africa League in January 2020, featuring 12 teams from across the continent.



OPPORTUNITIES FOR INVESTMENT & DEVELOPMENT

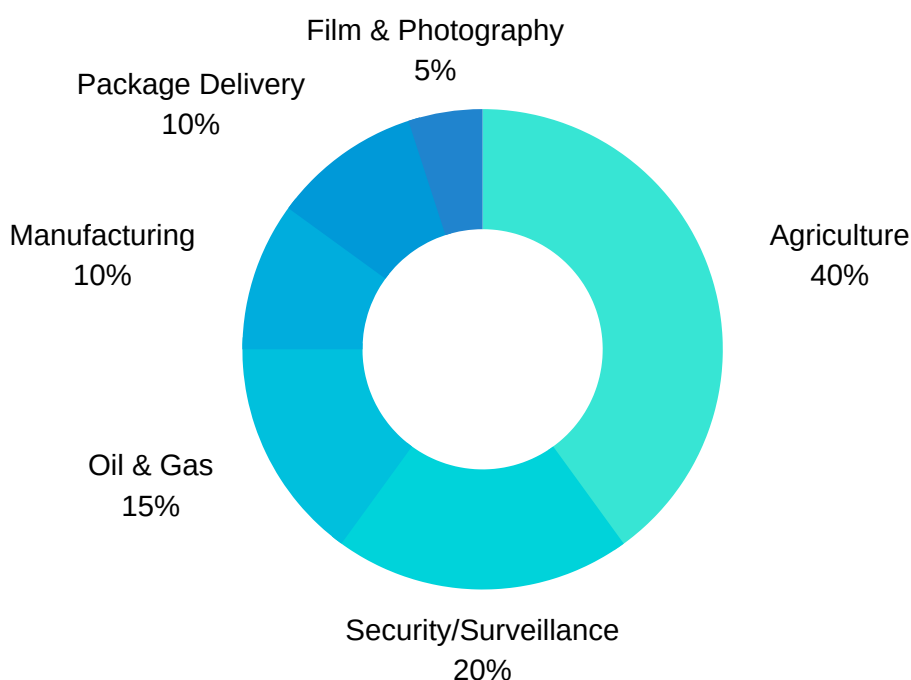
Sport is an employment-intensive economic activity. In 2015, the European Commission released its second study on the Economic impact of sport, which found that the share of sport-related Gross Domestic Product within the EU is 2.12% (€ 279.7B). Furthermore, the share of sport-related employment amounts to 2.72% of total EU employment.

In Africa however, despite sport being a proven force providing employment opportunities for economic development of individuals and a nation at large, the role of sports in economic development is yet to be fully realized. There is obvious need for the commercialization of sport to become a bigger part of the policy agenda of African national governments towards achieving their social and economic objectives.



There is no doubt that the career and entrepreneurship opportunities in the drone industry are growing. In order to be at the forefront of 21st Century tech, focus must be placed on training and development the next generation of drone engineers and pilots.

- These industries are expected to see substantial growth in the next few years
- There is a great need for education and training to ensure Nigeria is at the forefront of this emerging technology





CONCLUSIONS & NEXT STEPS

SPORT

- There is *HIGH* interest from schools, coaches, and student-athletes for more formalized developmental athletics programming
- We will look to develop and establish intramural developmental sports teams and leagues with secondary institutions
- There is a need to organize a network of events, donors, and venues that can be tapped to jump-start a sustainable athletic pipeline for talent in major sports in Nigeria

STEM

- There is *HIGH* interest from all age groups wanting to learn more about drone technology, associated careers and entrepreneurship opportunities
- We will look to establish sustainable drone programming and training workshops in Primary, Secondary, and Tertiary institutions
- There is need to organize additional STEM workshops in subjects such as computer programming, video game design, and graphic design





CAMP HIGHLIGHTS

2019 SPORT x STEM Camp, Lagos, Nigeria

Day 1 Basketball group photo (top); Drone building workshop (second line); Basketball training drills (third line); Basketball campers' huddle (right)



MEET THE FOUNDER

The SPORT × STEM concept was formed by Idara Otu of Let Girls Read, Run, Grow. A highly qualified individual, with experiences in athletics, finance, engineering and project management, the mission is to prove individuals can be multifaceted in both athletic and academic pursuits. With exposure to STEM workshops, the hope is to showcase the importance of bringing a level of passion and professionalism to every endeavor.



IDARA OTU

Founder, Let Girls Read, Run, Grow

Idara Otu drives the vision and programmatic objectives of Let Girls Read, Run, Grow. As founder, Idara works alongside LGRRG's leadership and partners to help create opportunities for young girls to build better futures for themselves, families, and communities. A 2012 Olympian for the Nigerian Track & Field Team, Idara has a burden to uplift girls who lack the access her upbringing afforded her. Idara is a tireless advocate for feeding both the mind and body through education and sport.

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