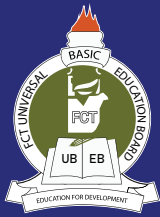


# Free Training on Digital Specialized Skills and Sports to Schools in FCT

in conjunction with



**sohk**  
SCHOOL OF HARD KNOCKS

THE FUTURE SCHOOL



A message from the CEO

# Skills, not Degree

The importance of acquiring relevant skills for the 21st Century



I am concerned when I see young and intelligent minds go through nursery, primary, junior secondary, senior secondary schools, and universities but come out without relevant skills and struggle to find jobs. We often use the excuse "no jobs" to cover up our lack of relevant skills needed by present-day work demands. Instead of focusing on developing relevant skills, our education system favors those who perform well based on their teachers' understanding of a particular field. This neglects emotionally intelligent individuals with relevant skills.

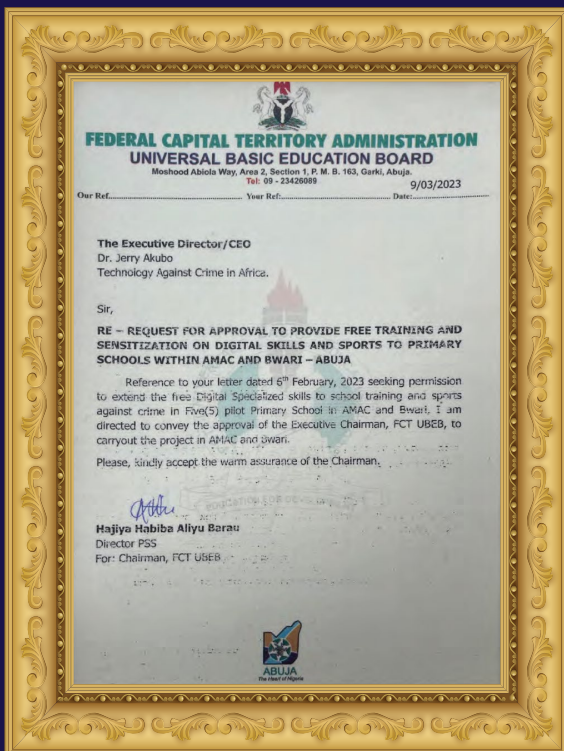
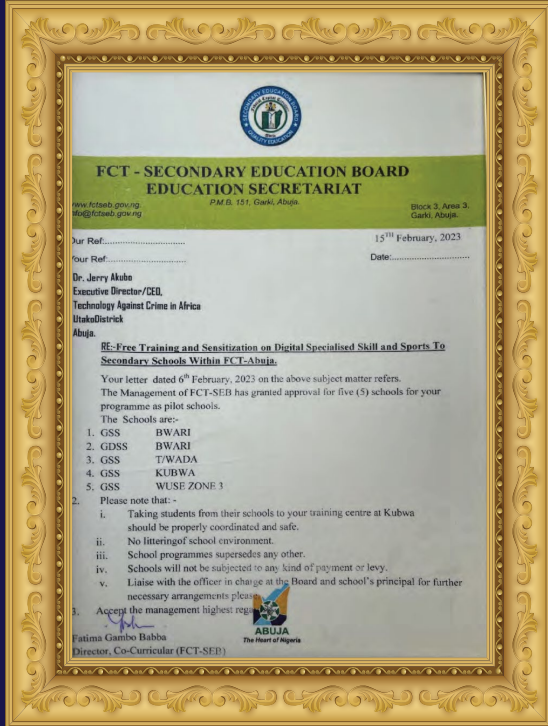
I wonder why our education system always favors those who score well on tests or exams and doesn't show enough interest in those with relevant skills who could transform the world with their talents. Unfortunately, we often label those with relevant skills or transformative ideas as "dropouts" because we fail to help them rise beyond our narrow view of success. It is important to ask ourselves how many of these "dropouts" we know who are thriving in the real world.

To bridge this gap, we are extending the School of Hard Knocks to 15 schools in Abuja. This will allow for the evolution of talents and ideas across Nigeria, using these schools as a pilot phase. It is essential to remind students and youths of the importance of acquiring relevant skills in the 21st century.

# OUR PILOT SCHOOLS



CERTIFIED & APPROVED



## Approved Schools

- CHIKAKORE PRIMARY SCHOOL, KUBWA
- LEA PRIMARY SCHOOL, PHASE 4 KUBWA
- LEA PRIMARY SCHOOL, NYANYA 1
- LEA PRIMARY SCHOOL, FESTIVAL ROAD, AREA 10
- LEA PRIMARY SCHOOL, SAUKA, AIRPORT ROAD
- JSS DUTSE SAGWARI
- JSS KUBWA 1
- JSS ASOKORO
- JSS AREA 11
- JSS TUDUN WADA
- GSS BWARI
- GDSS BWARI
- GSS KUBWA
- GSS WUSE ZONE 3
- GSS TUDUN WADA

This page shows the list of pilot schools approved by UBEB and SEB to benefit from the first phase of the Free Training.



DRONE  
TECHNOLOGY

TECHNOLOGY FOR  
SOCIAL GOOD

BLOCKCHAIN  
TECHNOLOGY



CYBER SECURITY  
& DEFENSE

AI AND  
ROBOTICS

*Digital Specialized skills*  
**COURSE OUTLINES  
FOR SCHOOLS**





# DRONE TECHNOLOGY

Drones are aircraft powered and controlled by computer technology, which means that it doesn't need a pilot to fly them. It is also called a UAV (Unmanned Aerial Vehicle).

Drones are constantly transforming and over the next decade, they will change in ways you likely never imagined. It is in line with the above that TAC Africa through the School Of HardKnocks is pioneering this training program and presenting it to primary and secondary school students who are the leaders of tomorrow.

## Our Work in this Space

- ▶ Drone Education and Research
- ▶ Drone Regulations and Licensing
- ▶ Drone Incubation
- ▶ Supply Chain of Drones
- ▶ Drone Safety Alliance

## Our Stakeholders

- ▶ The Institute for Drone Technology (Australia)
- ▶ Nigeria Flying Labs (Nigeria)
- ▶ Garuda Robotics (Singapore)
- ▶ Drone Alert (Spain)
- ▶ Cyber Peace Foundation (India)

## Ongoing Projects in this domain

- ▶ Drone Safety Initiative
- ▶ Drone training to schools in FCT





# CYBER SECURITY



The emergence of the internet has no doubt improved the way we live, work, socialize and transact business to a great extent, but cyber criminals are taking advantage of the opportunity created by the internet to launch an attack on internet users through the use of ransomware, viruses, Trojans etc.

This training will help students to protect their hardware, software and data from cyber threats.

## Our Work in this Space

- ▶ Ethical AI
- ▶ AI for Justice
- ▶ AI for Social Good
- ▶ Policy and Strategy on Artificial Intelligence
- ▶ Research and Innovation in policing

## Our Stakeholders

- ▶ UNICRI
- ▶ Africa Cyber Defense Forum (Kenya)
- ▶ Cyber Peace Foundation (India)
- ▶ Nigeria Flying Labs (Nigeria)
- ▶ Garuda Robotics (Singapore)

## Ongoing Projects in this domain

- ▶ Cyber Peace Corps
- ▶ Project Chakrerview
- ▶ Cyber Security Handbook for Primary & Junior Secondary School
- ▶ Cyber Security Handbook for Senior Secondary Schools & Tertiary Institution





# AI & ROBOTICS TRAINING



Artificial Intelligence, or 'AI' is the ability for a computer to think and learn. With AI, Computers can perform tasks that are typically done by people, including processing language, problem solving and learning. AI aid robots in seeing, walking, speaking, smelling and moving in progressive human like manner.

## Our Work in this Space

- ▶ Ethical AI
- ▶ AI for Justice
- ▶ AI for Social Good
- ▶ Policy and Strategy on Artificial Intelligence
- ▶ Research and Innovation in Policing

## Our Stakeholders

- ▶ UNICRI
- ▶ Africa Cyber Defense Forum (Kenya)
- ▶ Cyber Peace Foundation (India)
- ▶ Nigeria Flying Labs (Nigeria)
- ▶ Garuda Robotics (Singapore)

## Ongoing Projects in this domain

- ▶ AI for Social Good
- ▶ AI Cyber Criminal Detection and Archival
- ▶ Deep Dark Web Crawler Project





# BLOCKCHAIN AND CRYPTO TRAINING



Simply put, blockchain is a shared ledger that facilitates the process of recording transactions and tracking assets in a business network. With the growing number of individuals using the internet for business transaction, meeting, learning, gaming etc, the need to have a shared database cannot be overemphasized.

## Our Work in this Space

- ▶ Block Chain Regulation and Legal Issues
- ▶ Block Chain Against Corruption
- ▶ Practical Use of Block Chain Tokenomics
- ▶ Crypto Currency Forensics & Investigation Methodology
- ▶ Block Chain Education and Research

## Our Stakeholders

- ▶ A & D Forensics
- ▶ - Block Chain Council
- ▶ - African Block Chain User Group
- ▶ - Cryptocurrency User Council
- ▶ - Block Chain Awareness Hub
- ▶ - Cryptocurrency Learning Infrastructure

## Ongoing Projects in this domain

- ▶ AI for Social Good
- ▶ - AI Cyber Criminal Detection and Archival
- ▶ - Deep Dark Web Crawler Project





# TECHNOLOGY FOR SOCIAL GOOD



Technology for social good provides a way for everyone to access or use technology in an open, cost efficient, and sustainable way.

Under this section, we have the options of different sporting activities for kids such as golf, tennis, chess, taekwondo and even mentorship/coaching opportunities which we strongly believe will help shape the values of these children, as well as inform them of career opportunities in these areas.

## Our Work in this Space

- ▶ Sporting Activities (Tennis Training, Mixed martial art session, Chess training etc)
- ▶ Technology Clubs
- ▶ Mentoring and Coaching Sessions
- ▶ Relaxation and Events
- ▶ Office on the go

## Our Stakeholders

- ▶ Open Air Gym
- ▶ Nigeria Flying Labs
- ▶ Garuda Robotics

## Ongoing Projects in this domain

- ▶ Lawn Tennis Tournament
- ▶ Chess Tournament
- ▶ Taekwondo Training
- ▶ Swimming Competition
- ▶ Scrabble and Word Games
- ▶ Coaching/Mentorship and public speaking
- ▶ Golf Training





FOOTBALL  
ACADEMY

GOLF  
ACADEMY

MIXED MARTIAL  
ARTS

LAWN TENNIS  
ACADEMY

# *Sports* **COURSE OUTLINES FOR SCHOOLS**





# MIXED MARTIAL ART ACADEMY



## PROPOSED COMBINED MIXED MARTIAL ART COURSE OUTLINE

- ▶ Introduction to Taekwondo
- ▶ Introduction to major body parts.
- ▶ Introduction to basic (Kibon)
- ▶ Basic application to Basic (Kibon)
- ▶ Introduction to basic (Kibon Chaggi)
- ▶ Introduction to Stance (Sohgi)
- ▶ Basic application of leg technique
- ▶ Introduction to forms (poomse)
- ▶ Practice of basic forms
- ▶ Introduction to Sparring (Kyoruggy)
- ▶ Breaking (kyopka)
- ▶ Working techniques combination
- ▶ Review Assessment & grade



# LAWN TENNIS ACADEMY



## PROPOSED COMBINED LAWN TENNIS COURSE OUTLINE

### 1. Introduction to Tennis

- ▶ Growing population of tennis participation
- ▶ Tennis game sense approach
- ▶ Tennis equipment and dimensions

### 2. Racket Grip / Bouncing

Types of services and service return skills

### 3. Ground Strokes

Posture, footwork and recovery position of ground stroke

### 4. Forehand

Posture, Grip, and Footwork



# GOLF ACADEMY



## PROPOSED COMBINED GOLF COURSE OUTLINE

### 1. Golf Swing Techniques

- ▶ Fundamentals of golf swing (grip, stance, alignment)
- ▶ Exploring different swing styles (fade, draw) and shot shapes
- ▶ Incorporating video analysis for swing improvement

### 2. Course Management & Strategy

- ▶ Understanding how to analyze a golf course and plan shots accordingly
- ▶ Discussing shot selection based on risk and reward
- ▶ Exploring strategies for handling various course conditions (wind, hazards, slopes)

### 3. Mental Game and Focus

- ▶ Introducing mental strategies for maintaining focus and concentration during a round

# FOOTBALL ACADEMY



## PROPOSED COMBINED FOOTBALL COURSE OUTLINE

### 1. Football Dribble Techniques

- ▶ Fundamentals of dribbling
- ▶ Exploring different dribble styles

### 2. Tactics Management & Strategy

- ▶ Understanding how to manage a team
- ▶ Discussing player selection based on risk and strategy
- ▶ Exploring strategies for handling various player condition





THE FUTURE SCHOOL

# Building The Future School.

At School of Hardknocks, we support people wherever and however they want to learn, so they can achieve their learning goals and uncover new possibilities.

Today, we seek to focus on the kids in-school and out of school, in more ways than ever.

And we're just getting started!