

Introduction Note

C-STAR is a non-governmental organization registered with the Corporate Affairs Commission (CAC) under CAM 196, law of the Federal Republic of Nigeria. It is an education based initiative founded to help the government and stakeholders arrest the declining standard of education in Nigeria and Sub-Saharan Africa.

Our Mission

Our mission is to achieve our Vision

Our Vision

- *Ensure that our education is aided to equip more youths with the needed skills to survive the 21st century era*
- *Ensure that learning resources is made available to everyone no matter the geography and location*
- *Ensure that Science Mathematics Engineering Technology and Health (SMETH) education is more hands-on activities than theoretical*
- *Ensure that more youths receive qualitative education no matter their geography and location*
- *Combat industrial and economy challenges through innovations, inventions and researches*
- *Knowledge management is the keys to global economies and policies reforms*
- *Inspiring People to take action to change the world*

Our Fundamental Beliefs is enshrined in the word, “QUESTION”

We believe that;

- *Qualitative Education is a tool for development and engaging youths for the future*
- *Science and Technology are the control pillars for the changes of the era: innovations and invention is therefore the key to match up this trend*
- *Teaching and training with the required skills of the time would create the skilled global-players needed to challenge emerging 21st century switches: the 21st century child needs more than reading and writing skills to survive*
- *Institutions are generators of ideas: Industries, Economy and Government Policies are sharpened by researches*
- *Our resources alone are not enough, so we work to change public policies, attitudes and behaviors to improve lives*
- *Nations artifact are built by craft-men, artisans and engineers*

Core Values

Our Core Values: C+CAPETS

- ❖ **Contest:** Abilities are provoked through competitions and challenges.
- ❖ **Collaboration:** we partner government and the public and private sectors, and foster greater public awareness of education issues

- ❖ **Attitude:** the foundation of any type of transformation starts with change in attitude and the consistency of the change is strengthened by adaptation. We will strive to change the attitudes of stakeholders and beneficiaries to adapt them as the agent of positive change.
- ❖ **Persistence:** we will persist until our vision reach the least youth in any geography
- ❖ **Economy:** a nation's economy is to a greater extent tied to its technological advancement. Our programs will be directed towards global economy.
- ❖ **Training:** training is the only avenue in creating the next generation of champions
- ❖ **Sustainability:** sustainability has become a global issue. We have strategically design paths to ensure replicability and sustainability

Our Strategies

Partnership-funding-training-mentorship and nothing else is the solution to the declining education in Nigeria and Sub-Sahara Africa

Leadership

The three decision-making bodies of C-STAR are:

1. The Board of Trustees (BoT) – this governing council of C-STAR is comprises the founding members of the organization. It design programs, manages the finances of the organization, organizes meetings for the organization, nominate a member of the AC as one of C-STAR's account signatory, appoints auditors for audit of financial records and oversees the affairs of C-STAR's corporate office.
2. The Advisory Council (AC) – this governing council is charged with the responsibility of assessing our programs content for it capacity to solve intended problem, assist in making recommendations concern with funding, strengthens our international and local network, assisting in funding when urgent and basic needs arises and oversee recommends/modify programs brought before it by the BoT and monitors the activities of C-STAR's Corporate office
3. The Executive Board of Members – concern with membership management, designing selection criteria for our programs and overseeing the general welfare of contestants and panelist.

Accountability Plans

C-STAR have three meeting which must take place before the end of a financial year

1. **Annual General Meeting** – all the Governing Councils of the Organization

2. **Special Meeting** – Specifically for any of the governing council.
3. **Extra-ordinary Meeting** – An urgent meeting. This meeting can be invoked by any member of any of the Governing Council.

All meetings are ratified by Chairman of the BoT

OUR WORKING TOOLS/PROGRAMS

Sub-Sahara African Programs

- **Education support and Reinvention**
- **Innovative and Translational Science**

Nigerian Programs

- **All Sub-Sahara African Programs**
- **Human Capital Education**

Education Support and Reinvention

The 21st century child requires more than the reading and writing skills inherent in the 20th century education system to survive the disruptive technologies, knowledge economy, creativity, complex choices from a set of design problems, understanding of complex information, collaborations and information communication skills to survive.

Secondly, the effective use of teaching aids is necessary for effective design-based, research-based, project-based, problem-solution-based and collaboration-based learning. To this end, 21st century schools need not only teachers with required knowledge level but also those who can adapt to understand the learners' learning skills and integrate them into their teaching skills with modifications in assessment procedure. **Our goal is therefore, “to reinvent education to tackle the need of the 21st century through training of teachers, school leaders, teaching aids supplies and supporting the recruitment processes”.**

Our effort on this falls into four main groups:

1. The teachers
2. The school leadership
3. The students
4. Policy makers

Supporting Programs are:

- I. Learning Aids Grand Challenge for Schools (LAGranCh)
- II. Teachers Capacity Building (TeCaB)
- III. Learners project-based grand challenge (LeProGranCh)
- IV. School management and leaders workshops (SMaL)

INNOVATIVE AND TRANSLATIONAL SCIENCE

Innovations in Science and technology are the products of translation from thoughts into research and implementing findings into solutions to problems. Research, innovations and inventions are the key pillars to improving industrial processes, health care delivery, policies and global economy. **We urgently, as a matter of global interest need to define new strategies to identify, discover and support scientific researches with the capacities of having most impact on industries, health and other areas of global interest and accelerate the translation of such scientific discoveries into solutions that affect life positively.**

Our effort in this area falls into three main groups:

- i. Science Students in High schools
- ii. Undergraduates and Graduates
- iii. Freelance Researchers

Our Supporting Programs:

- **Research Contest**
 - i. **Graduate Research Contest (GReC)**
 - ii. **Undergraduate Research Contest(UgReC)**
 - iii. **Engineers and Artisans Collaborations (EACs)**
- **Technical, Practical and Application Contest (Techno-PAC)**
 - i. **Secondary School Techno-PAC**
 - ii. **Tertiary Techno-PAC**

Participants of our programs who emerge winners are rewarded with scholarship and grants based on our developmental plans and funders terms of references

Nigerian Programs

1. All the Sub-Sahara African Programs

2. Human Capacity Education

21st century changes in the global economy and industrialization requires a preemptive action in balancing knowledge and skills. While our schools system in Nigeria still dwells in the obsolete rituals of reading, writing and core courses, disruptive technologies and knowledge economy of the 21st have redefined the demands of the employers of labors and the expectations of the society on graduates and non-graduates. Little wonder, “more educated workers experience lower employment rates and lower employment volatility”. A global example is the resent trend in industries, where the works of engineers are almost taken up by robots.

The Human Capital Education proposal is the first of its kind as it is targeted at both graduate and non-graduates. It will not only build capacity and strengthen self-reliance but will also equip them with vocational skills in specific areas based on industrial and societal demands.

Therefore, Human Capital Education is a necessary perquisite to enhance the practical and technical skills of our citizens in Nigeria and Africa, widen their knowledge management horizon, extend their scope to unrelated fields of interest and strengthen their managerial, leadership and financial management skills. While we were training 453 graduates in Kaduna last year, precisely March on Instrumentation, Automation and welding, we gave them this slogan that, **“Where there is no job you have all it takes to create jobs for you and your generations today and unborn”**. As at January, during our program impact assessment and evaluation, the data collected proved that more than 34% of our trainees have started their personal businesses and 12% have acquired jobs related to the skills gotten during the training. If this program is therefore replicated and scaled up to train 1,000,000 youths, by the above projections, 460,000 youths would have been rescued from the menace of unemployment, poverty and substandard quality of education. Thus, Human Capital Education is a sure tool for the survival of our youths in today’s economy.

Our focus in this area is the youth between the ages of 18-35years

Our supporting program: Human Capacity Education