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# TAIWO, KAFAYAT MONILOLA

## OBJECTIVE

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To be an inspirational educationist and catalyst for positive change; to advance the learning experience of my learners and create out of them, team players, critical thinkers, creative writers, problem solvers and great leaders.

## PERSONAL DATA

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Place of Birth: Lagos State  
State of Origin: Lagos State  
Nationality: Nigeria  
Marital status: Married

## EDUCATIONAL QUALIFICATION

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2023: Lagos State University, Ojo, Lagos (PH.D in View)  
2023: Teachers Registration Council of Nigeria **Certificate and License**  
2019: National Teacher's Institute, Kaduna (PGDE)  
2005-2007: University of Ibadan, Ibadan (M.Sc. Physics)  
1998-2002: University of Ibadan, Ibadan (B.Sc. Physics)  
2004: NYSC Certificate  
1995: Nigeria Model High School (WAEC)

## PROFESSIONAL EXPERIENCE

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**Yaba College of Technology, Dept. of Science Laboratory Technology** Nov. 2025 - till date

**Post held: Lecturer III**

**Duties:**

- Teaching the theory and handling practical aspect of the following courses
- Electronic logic for Science, Optics and Waves, Mechanics and Properties of Matter, Electricity and Magnetism, Thermodynamics and Electromagnetism for ND 1 and ND II students
- Marking and grading students for the examination
- Assisting ND I class Adviser
- Supervising ND II Siwes Programme

**Yaba College of Technology; Dept. of Science Laboratory Technology** Apr. 2021- Nov. 2025

**Post held: Adjunct Lecturer**

**Duties:**

- Teaching the theory and handling practical aspect of the following courses
- Electronic logic for Science, Optics and Waves, Mechanics and Properties of Matter, Electricity and Magnetism, Thermodynamics and Electromagnetism for ND 1 and ND II students

- Marking and grading students for examination

### **ACHIEVEMENTS**

- Designed and delivered engaging and interactive lectures for physics courses , using various digital tools and platforms, resulting in a 35% increase in student achievement and satisfaction.
- Developed and maintained positive relationships with students and colleagues and other stakeholders resulting in a 90% satisfaction rate and increased collaboration and feedback
- Initiated and facilitated a series of research projects and publications for physics students resulting in improved academic performance and recognition in the field of Physics
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**Evaton School (41, Adegoke Street, Off Alhaji Masha Road, Lagos) Sept 2018 – Dec 2023**

**Post held: Head of School**

**Duties:**

- Supervision and managing of the Nursery, Primary & the High School
- Handling enquiries from both existing and intending parents.
- Maintaining an educational philosophy and school climate which encourages a cooperative and participating attitude on the part of all teachers and students.
- Providing effective and visionary leadership for the school's strategic plan, curriculum, instruction, assessment, and professional development. This includes setting clear and attainable goals, monitoring progress, ensuring alignment with standards and best practices, and supporting innovation and creativity.
- Managing the school's operations, finances, facilities, and human resources in compliance with the School's policy. This may include overseeing the budget, ensuring safety and security, maintaining accreditation, hiring and retaining qualified staff, and resolving conflicts.
- **Acting as back-up for the Mathematics and Physics teachers**
- Act as **Special Needs Teacher** for struggling students during **remedial** classes.

### **ACHIEVEMENTS**

- Improved student achievement by 25% and teacher retention by 40% by implementing a data-driven and collaborative instructional model based on best practices and feedback.
- Led the school's accreditation process for West African Examination Council (WAEC) and National Examination Council (NECO) and achieved the highest level recognition
- Established and implemented a school-wide vision and mission that fostered a culture of excellence, collaboration, and innovation among students, teachers, and staff.
- Secured and managed the school's infrastructure, technology, and learning resources for students and staff.

**Prime Rose School (2 Bunmi Joseph Close, Gbagada, Lagos State) Sept 2014 – Aug. 2018**

**Post held: Head of School**

**Duties:**

- Developing and administering the general school routine, and coordinate all activities within the school building
- Participating in the selection of new teaching and classified personnel
- Observing, counseling, and motivating professional staff toward performances to attain the educational goals of the board of Directors
- Utilizing to the fullest extent possible, all available school facilities, materials, and staff service personnel
- Continually evaluating existing programs and practices, curriculum content, and pilot or experimental programs

- Managing the school Website and academic Portal
- Increasing the school growth via aggressive marketing
- Supervision of teaching and non-teaching staff.

#### **ACHIEVEMENTS**

- Improved student Literacy and Numeracy skills by 40% and teacher satisfaction by 35% by implementing a play based and inquiry -driven learning approach on the latest research and best practices.
- Improved student's performance by 30% in their entrance examinations into secondary schools
- Led the school's routine State inspection and achieved the highest recognition from Lagos State Ministry of Education Quality Assurance.
- Introduced STEM-based activities into the curriculum
- Led the accreditation process for the school to be recognized as a member of International School Educators of Nigeria (AISEN).

**The Scholastic Hall (3, Oyediran Close, Opebi, Lagos State)**

**March 2009 – 2014**

**Post held: Supervisor; Mathematics and Physics Teacher**

**Duties:**

- Teaching of Key Stages 1-4
- Preparation of students for both internal and external examination such as G.C.S.E, W.A.E.C, NECO, IGSCE A and O level, J.A.M.B etc
- Preparing students for Check Point Exam
- Marking and grading of students for mock examination
- Marking teachers' lesson note (Science department)
- Coordinating internal school examination

#### **ACHIEVEMENTS**

- Led the development and implementation of a hands-on and inquiry-based curriculum for mathematics and physics, resulting in a 25% increase in student achievement and engagement
- Secured grant from the Director of Studies to equip the science and mathematics with laboratories with state-of-the-art facilities, equipment, and technology, enhancing the learning environment and opportunities for students and staff.
- Initiated and facilitated a series of professional development programs for Science and Mathematics teachers, resulting in improved assessment across all science subjects
- Led the school's participation and achievement in various national and international science and mathematics competitions, such as the Olympiads, Science fair and the school to victory on the first SCIENCE QUIZ organized by Association of International School Educators of Nigeria (AISEN) in 2012

**Etaport Secondary School (12/21 Adekunle Osomo Street Gbagada, Lagos) Oct 2007-2009**

**Post held: H.O.D Science Department (Physics & Further Maths Teacher)**

**Duties:**

- Handling senior class physics and further mathematics (Years 10 -12) as well as the 6th form
- Additional skills in handling IGSCE, O-level Physics, Mathematics etc
- Preparing students for external examination such as WAEC NECO, UTME, etc.

#### **ACHIEVEMENTS**

- Designed and delivered a challenging and engaging curriculum for Further Mathematics and Physics resulting in a 30% increase in student achievement and motivation

- Led the development and implementation of a hands-on and inquiry-based curriculum for Further Mathematics and Physics, resulting in a 25% increase in student achievement and engagement.
- Organized and led the school's participation and achievement in various national and international Mathematics and Physics competitions.

**NYSC - University of Maiduguri Staff Secondary School:**

**Post: Physics and Further Math teacher**

**2003-2004**

## **CONFERENCE PAPERS**

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- ❖ A comparison of Selected Artificial Neural Network Model, in Predicting Global Solar Radiation in Lagos and Abuja
- ❖ Temperature effect on the performance of Monocrystalline Photovoltaic Module in Yaba
- ❖ Development and Evaluation of Castor Seeds' Oil Based Metal Cutting Fluid using Design of Experiment via Taguchi Technique.
- ❖ Development and Evaluation of Neem Seeds' Oil Based Metal Cutting Fluid using Design of Experiment via Taguchi Technique.

## **PUBLICATIONS**

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- ❖ Design and Implementation of an Automatic Water level Control, Detector and Notifying System for Modern Buildings

## **PROFESSIONAL BODY**

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**Member of Teacher's registration Council (TRCN)**

**Member of Material Science and Technology Society of Nigeria (MSN)**

**Member of Nigerian Institute of Physics (NIP)**

## **CERTIFICATIONS /TRAINING**

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|-----------------------------------------------------------------------------------|------------|
| • Mathematics workshop for Secondary School Teachers by WAEC                      | Jan 2008   |
| • Classroom Management                                                            | Aug. 2010  |
| • AISEN science training workshop                                                 | June 2011  |
| • UGRL (KAROX) certificate training in Microsoft office                           | April 2011 |
| • Hodders Education Development Programme                                         | Feb 2012   |
| • Integrating the British & Nigeria curricula by Meadow Hall                      |            |
| • Consult. (EYFS lessons, Listening skills & Dialogue for effective communication | Aug. 2015  |
| • Teaching Knowledge Test Training delivered by BRITISH COUNCIL                   | Sept. 2017 |
| • Early childhood Education by OPEN UNIVERSITY AUSTRALIA                          | Sept. 2018 |
| • Marketing Strategy that works for school 3.0                                    | Oct 2018   |
| • Branding the school for exceptional Services                                    | Sept 2019  |

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|-------------------------------------------------------------------------|------------------|
| • Cambridge International Education Conference (Africa Series)          | Sept 2019        |
| • Classroom Decoration and Design                                       | Sept. 2020       |
| • <b>Child's Protection and Safety</b>                                  | Jan. 2023        |
| • <b>Workshop training on writing of grant Proposal</b>                 | <b>Oct 2023</b>  |
| • <b>45<sup>TH</sup> NIP (NIGERIAN INSTITUTE OF PHYSICS) CONFERENCE</b> | <b>May, 2024</b> |
| • Apps for teaching and Learning by USA Consulate, VI, Lagos            | August, 2025     |
| • AWS Educators Training                                                | March 2026       |
| • 46 <sup>TH</sup> NIP Conference                                       | May, 2026        |
| • HUB 1: AI/ML Hands-on Seminar (Yabatech 2026)                         | June 2026        |

## **HOBBIES**

Reading and Research

## **REFEREES**

Available on request