

# LUKE MUENDO KALOKI



## IB DP/ A-level/IGCSE BIOLOGY, GENERAL SCIENCE & CHEMISTRY TEACHER

**Examiner: A Level Chemistry paper 2 and 4**

**Leadership experience: Head of the chemistry and science department**

### Contacts & Location

**Email:** [kalokiluke@gmail.com](mailto:kalokiluke@gmail.com)  
**Phone:** +2482875592

**Current school:** Independent School, Seychelles  
P.O. Box 805,  
Union vale- Mahe.

**Nationality:** Kenyan.

### Language proficiency

❖ English advanced

### My key skills.

- ❖ Integrity and ethics.
- ❖ Adaptability.
- ❖ Time Management.
- ❖ Team Work.
- ❖ Leadership.
- ❖ Problem Solving.
- ❖ Communication.
- ❖ Child safety and safeguarding.

### Profile summary

I am a dedicated educator with 15 years of experience teaching AS & A Level, IGCSE (15 years), and IB DP Chemistry (3 years) in Kenya and Seychelles. I teach IGCSE and A level Chemistry and General science(checkpoint) at Independent School-Seychelles; previously, I taught IGCSE biology. My expertise in delivering results-driven instruction has led to consistent student success in exams. With excellent communication skills, I create engaging, innovative lessons that foster academic excellence and lifelong learning. I strongly advocate collaboration and teamwork, ensuring students develop essential skills to excel as global citizens.

### Working History

#### Independent School-Seychelles

| Jan 2014 to date|

#### **Position: General science & Chemistry Teacher**

##### Responsibilities

- ❖ Teaching and guiding IGCSE and A level chemistry, ensuring adherence to academic standards.
- ❖ Using technology apps to engage learners actively during and after lessons (Google apps) and other learning models.
- ❖ Regulating Internal and external extended Essays and projects.
- ❖ Conducting professional development for new colleagues in the department.
- ❖ Designed and engaged Biology/Chemistry lessons with practical for IGCSE and Advanced levels grades 12 and 13.
- ❖ Communicated student progress through reports and meetings.
- ❖ Kept accurate records of student performance.
- ❖ Managed student behaviours, attendance, and punctuality.
- ❖ Assessed, marked, and recorded student work.
- ❖ Encouraging academic and co-curricular student excellence

## Education

**Kenyatta University, Nairobi-Kenya.**

Master of Science- *Chemistry*

2023 to date

**Kenyatta University, Nairobi-Kenya.**

Post graduate Diploma in Education

Distinction  
2020-2022:

**Maseno University, Kisumu-Kenya.**

Bachelor of Science with I.T  
(Chemistry-Major and Biology-Minor)

First Class Honors  
2004-2009:

### My summary key teaching philosophy-values

#### ✓ **Creativity & Differentiation.**

I strive to create materials that challenge the logical thinking of every learner at high, medium, and low levels.

#### **Inclusivity & conducive learning environment.**

With carefully crafted lessons and learning materials, my teaching approaches ensure all learners participate in the lessons.

#### ✓ **Assessment for learning.**

The use of technology in assessment has enabled me to monitor students' participation, especially in communication. I use rubrics in some sections of my lessons, and it has been awesome.

#### ✓ **Visualizing learning.**

I use more diagrams, formulas, and experimental approaches in teaching.

### Key achievements

- ❖ 90% of students had a Grade C and above in their IGCSE and A Level chemistry.
- ❖ Students participated in community water cleaning projects.
- ❖ Students have improved their research abilities and the use of current technologies and academic referencing.
- ❖ Excellent classroom management skills.
- ❖ Improved lesson engagement through hands-on practicals to over 90%.
- ❖ Strengthened parent-teacher collaboration with regular updates- got several notes of thank you from parents.
- ❖ Enhanced student performance via accurate progress tracking to over 40%.
- ❖ Reduced behaviour issues through proactive interventions and management plans.

**Kileleshwa Academy-Nairobi, Kenya.**

**| Jan 2010 to Dec 2013|**

**Position: HOD Science /IGCSE Biology and Chemistry teacher.**

### Responsibilities

- ❖ Led best practices through observations and collaboration.
- ❖ Designed engaging virtual and in-person science lessons.
- ❖ Managed assessments, exams, and marking moderation.
- ❖ Oversaw lab equipment maintenance and resource planning.
- ❖ Mentoring new teachers and lesson observation, support, and feedback.

### Key achievements

- ❖ Increased STEM participation at school and national levels.
- ❖ Enhanced teaching quality through continuous professional development.
- ❖ Strengthened academic standards by supporting leadership initiatives.

## References

To be provided upon request

## Training & Workshops

Year	Topic	Offering Institution
April 2025	CAIE_As and A level Chemistry: Focus on chemical energetics	Cambridge University
March 2024	Adaptive Teaching Strategies	Tes Develop
May 2024	Safeguarding & Child Protection	Tes Develop
Nov. 2023	Safeguarding & Child Protection	Tes Develop
Aug. 2023	Children's Mental Well-Being in International Schools	Tes Develop
May. 2023	Social and Emotional Learning: Well-being and Mindfulness in Classroom, Independent School	Independent School
Sept. 2022	IGCSE and A level marker	Cambridge University
Aug. 2018	Cambridge International Professional Development course on AS/A- Level Biology (9700)	Cambridge University
Apr. 2017	Cambridge International Professional Development course on IGCSE Biology (0610) and Chemistry (0620)	Cambridge University

### Extracurricular Contributions

- ❖ **Moderator, Science Club** – Independent School
- ❖ **Deputy Moderator, Eco & Environmental Club** – Independent School
- ❖ **Volunteer ICT Assistant** – Seychelles National Sports Council
- ❖ **Moderator, Medics Club** – Independent School