**CURRICULUM VITAE**

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| **NAME** : | JOSEPH MUTETI WAMBUA |
| **NATIONALITY:** | KENYAN |
| **DATE OF BIRTH:** | 10/11/1979 |
| **RELIGION:** | CHRISTIAN |
| **MARITAL STATUS:** | MARRIED |
| **LANGUAGES SPOKEN & WRITTEN:** | ENGLISH, KISWAHILI & KIKAMBA |
| **CONTACTS & ADDRESS:** | P.O BOX 30231 – 00100, NAIROBI. |
| **CELL PHONE NO:** | +254 725 280 146 |
| **E – MAIL ADDRESS:** | [jwambua46@gmail.com](mailto:jwambua46@gmail.com) |
| **CURRENT POSITION:** | CHIEF CURRICULUM DEVELOPMENT OFFICER ELEARNING AT KICD (**SCALE “11” )** |

**ACADEMIC BACKGROUND:**

**INSTITUTIONS ATTENDED, YEARS ATTENDED & QUALIFICATIONS**

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| **INSTITUTION** | **YEARS ATTENDED** | **QUALIFICATIONS** |
| **KENYATTA UNIVERSITY** | 2013 - 2020 | PH.D IN EDUCATIONAL TECHNOLOGY – SCIENCE EDUCATION |
| **KENYATTA UNIVERSITY** | 2006 - 2009 | M.ED (EDUCATIONAL COMMUNICATION & TECHNOLOGY - **SCIENCE** EDUCATION) |
| **KENYATTA UNIVERSITY** | 1999 - 2003 | B.ED (SCIENCE) 2ND CLASS UPPER DIVISION |
| **YOUNG AFRICAN LEADERS INITIATIVE COURSES (YALI)** | AUGUST 2015 | NINE (9) CERTIFICATE COURSES |
| **MICROSOFT IT ACADEMY** | JAN – MAR 2015 | MICROSOFT CERTIFIED EDUCATOR CERTIFICATE |
| **KENYA SCHOOL OF GOVERNMENT** | 20TH OCT. - 14TH NOV. 2014 | CERTIFICATE IN SENIOR MANAGEMENT COURSE (**SMC**) |
| **KENYA SCHOOL OF GOVERNMENT** | 27TH -29TH JAN 2015 | CERTIFICATE IN TRAINING NEEDS ASSESSMENT |
| **FONTANA** **GROUP LIMITED** | JUNE 2012 | Trained on **TELEVISION** directing, production and management by **Fontana** limited |
| **TELEVIC GROUP (BELGIUM)** | 7TH – 10TH DEC. 2010 | CERTIFICATE IN EDUMATIC LEARNING MANAGEMENT SYSTEM FOR E-LEARNING |
| **EMMANEX COMPUTER COLLEGE (KAHAWA SUKARI)** | 2003 | CERTIFICATE IN INFORMATION TECHNOLOGY (**DISTINCTION**) |
| **TALA HIGH SCHOOL** | 1994 - 1997 | B+ (PLUS ) |
| **KYELENI PRIMARY SCHOOL** | 1989 - 1993 | 515 MARKS OUT OF 700 (B+) |
| **UAMANI PRIMARY SCHOOL** | 1985 – 1988 | N/A |

**RESPONSIBILITIES**

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| **RESPONSIBILITY** | **DURATION** |
| Acting Head of Kenya Education Cloud | November 2019 – Now |
| Chief Curriculum Development Officer (E-**Physics**) at KICD. | JULY 2010 – Nov. 2019 |
| Published with International Organisation for Scientific Research (IOSR) Journal (**The Effect of Animations in Learning and Performance of Physics at Secondary School Level by:** Joseph M. Wambua, Prof. Nicholas W. Twoli ,Prof. John N. Maundu) Link: <https://www.iosrjournals.org/iosr-jrme/papers/Vol-10%20Issue-3/Series-7/D1003072532.pdf> | May - June 2020 |
| Offered consultancy services for **UNESCO** which entailed reviewing of teacher training materials for Ugandan Teacher Training Institutions | 1st Sept. – 10th Oct. 2017 |
| Member of Secondary Education Quality Improvement Project (**SEQIP**) in Kenya | 1st August 2017 – Now |
| Member of KICD **Tender** Committee | MARCH 2015 – MAY 2016 |
| Lead Online Facilitator in a **UNESCO** Online Course (**KICT –** **CFT** ) | FEB 2015 – NOW |
| Member of the Media & Extension Services Departmental **Training Committee** (at KICD) | JULY 2014 – NOW |
| Member of the **Inspection** And **Acceptance** Committee (at KICD) | JUNE 2014 – 2015 |
| **COURSE** **PARTICIPANTS’ MANAGER** IN ONLINE TEACHER ORIENTATION COURSE - ELIMIKA | SEPT. 2013 – NOW |
| **Lead online tutor** in elimika (Mathematics) | MAY 2013 – NOW |
| Online Tutor for Elimika – Primary Teacher Orientation Course (**SCIENCE**) | OCT. 2011 – MAY 2013 |
| Kangundo District Chairman (**PHYSICS** Subject Panel) | JUNE 2009 – JULY 2010 |
| Science Congress Provincial Judge (**ICT TALKS**) | MAY 2010 |
| Science Congress District Judge (**ICT** **EXHIBITS**) | MAY 2008 |
| H.O.D (**SCIENCE**) | FEB. 2009 –JULY 2010 |
| Scouts’ Patron | 2005 – JULY 2010 |
| Member of Guidance and Counselling Department (Kisukioni Sec. School) | SEPT. 2009 – JULY 2010 |
| Class teacher at Kisukioni Sec. School | 2005 - 2010 |
| **Science Club Patron** (St. Stephen’s Sec. School) | SEPT. 2003 – OCT. 2004 |

**CONSULTANCIES UNDERTAKEN, SHORT COURSES UNDERTAKEN, WORKSHOPS, PAPERS PRESENTED AND SEMINARS ATTENDED**

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| **April 2020** | Participated in development of a Digital Literacy Matrix (DLM) for Grades 10 – 12 for the Competency Based Curriculum in Kenya |
| **September 2019** | Participated in development of a Digital Literacy Matrix (DLM) for Grades 7 – 9 for the Competency Based Curriculum in Kenya |
| **May. 2018 – July. 2018** | Consulting for UNESCO in Uganda on a project known as China Funds in Trust (CFIT) and engaged to author an ICT course for Ugandan teacher educators referred to as ICT-CFTU on the Moodle platform. |
| **Dec. 2017 – May. 2018** | Consulting for UNESCO in Uganda on a project known as China Funds in Trust (CFIT) and engaged to develop an ICT course for Ugandan teacher educators referred to as ICT-CFTU. |
| **August 2017 – Nov. 2017** | Consulting for UNESCO in Uganda on a project known as China Funds in Trust (CFIT) which entails conducting a situational analysis on teacher competencies in integrating ICTs in teaching and learning. I am also offering consultancy services to Kyambogo University Lecturers by assisting them to develop online courses for Ugandan teachers professional development (ICT-CFTU course). |
| **24th May 2017 – June 2017** | Nominated from Kenya to attend a training on “**Improvement of Lesson Evaluation in Science for English-speaking Sub-Saharan African Countries”** in **Naruto University of Education**, **Shikoku**, **Japan.** |
| **10TH – 30TH Aug 2016** | Nominated from Kenya to attend a training on “Primary Science and Mathematics Educators’ training for African Countries: Enhancing Constructivist- Based Pedagogies and Content Knowledge” in **RECSAM, Malaysia**. |
| **7th – 10th June 2016** | Attended the 2nd African Ministerial Forum on ICT Integration in Education and Training on 8th to 9th June 2016 in **Abidjan, Côte d’Ivoire**. |
| **March 2016 - Now** | Nominated to participate in **YAZMI** Pilot Project which involves use of **SLATES** in the Classroom |
| **March 2016 - Now** | Nominated as a member of Expert Working Group (EWG) for Africa Digital Schools Initiative **ADSI** Project |
| **November 2015** | Participated in the development of an **online course for ICT integration in Education** (<https://www.elimika.kec.ac.ke/course/view.php?id=4>) |
| **14th – 18th Sept. 2015** | Participated in an eLearning innovations conference and expo held at **KICD, Kenya** |
| **September 2015** | Participated in the development of ICT integration in Education training Manual for teachers |
| **20th – 22nd May 2015** | Participated during the 10th International eLearning Africa Conference on ICT for Development, Education & Training held at **Addis Ababa, Ethiopia** |
| **March 2015** | Participated in the development of National Training Curriculum Guide for **ICT integration in Education** |
| **29th – 31st July 2014** | Participated in an eLearning innovations conference and expo held at **Safari Park Hotel, Kenya** |
| **20th – 23rd May 2015** | Participated during the 9th International eLearning Africa Conference on ICT for Development, Education & Training held at **Kampala, Uganda** |
| **18TH – 22ND NOVEMBER 2013** | Participated in a KNEC moderation workshop as a moderator (Physics paper 3) |
| **9TH – 13TH SEPT. 2013** | Participated in a KNEC moderation workshop as a moderator (Physics paper 2) |
| **20TH AUGUST – 5TH SEPT. 2013** | Participated in training evaluators and evaluation of Digital curriculum support materials in **Physics** and **Mathematics** held at **KICD** as the Chairman of the panel |
| **21st JULY – 17TH AUGUST 2013** | Offered consultancy services in the **Republic of Somaliland** during the review of their secondary teacher training modules in Physics |
| **10th - 12th July 2013** | Presented a paper entitled “Towards **production** and **evaluation** of cutting edge **digital educational materials**” during the 3rd International conference held at Kenyatta University |
| **8TH – 17TH JULY 2013** | Participated in validating the curriculum to be used for training teachers on basic ICT skills in preparation for the Jubilee Laptop Project (JLP) |
| **22nd Oct. – 4th Nov. 2012** | Participated in training evaluators and evaluation of Digital curriculum support materials in **Mathematics** held at KICD as the Chairman of the panel |
| **1st – 7th Oct. 2012** | Participated in shooting and production of **Edu channel Programmes** at the Nairobi ASK show |
| **11th – 15th June 2012** | Participated in planning, **shooting, production** and **editing** of **Tafakari** for Standard 3 and 8 (**Science**) |
| **MAY 2012** | Participated in re-evaluation of Print curriculum support materials in **Physics** held at KICD as the Chairman of the panel |
| **NOV. 2011 – MARCH 2012** | Participated in the development of KICD’s **Education Resource Centre** (**ERC**) Grant proposal |
| **APRIL 2012** | Participated in re-evaluation of Digital curriculum support materials in **Physics** held at KICD as the Chairman of the panel |
| **APRIL 2012** | Co-ordinated a national workshop for analysis of D.T.E Exams in **Physics** held at KICD |
| **FEB. 2012** | Co-ordinated a national workshop for analysis of K.C.S.E Exams in **Physics** held at KICD |
| **FEB. 2012** | Participated in K.C.S.E. Awards for the year 2011 |
| **NOV. – DEC. 2011** | Participated in an authoring workshop for Elimika secondary **Physics** held at KICD |
| **Nov. 2011** | Co-ordinated a national editing workshop for form 3 digital content (**Physics**) held at KICD |
| **30th Aug. – 11 Nov. 2011** | Participated in e- learning **data gathering** in Nairobi and its environs |
| **AUGUST 2011** | Attended a Ministerial Textbook Vetting Committee (M.T.V.C) |
| **JUNE - JULY 2011** | Participated in evaluation of Digital curriculum support materials in **Physics** held at KICD as the Chairman of the panel |
| **27th Jan. - 4th Feb. 2011** | Participated in editing of **video** programmes for **Physics** forms 1 & 2 (workshop held at KICD) |
| **JAN. 2011** | Co-ordinated a national scripting workshop for form 4 digital content (**Physics**) held at KICD |
| **April. 2011** | Participated in evaluation of print curriculum support materials in **Physics** held at **Sun** ‘n’ **Sand** Hotel (Mombasa) as a secretary to the panel. |
| **April 2011** | Presented a paper on ways of reaching more learners with e-learning content in an educational symposium held at KICD, Nairobi |
| **NOV. 2010** | Participated in a national scripting workshop for **Physics** **Video** programmes in form 1 & 2 held at KICD |
| **August 2010** | Co-ordinated a national scripting workshop for form 3 digital content held at KICD |
| **29th – 31st march 2010** | Attended and participated in a **regional conference on ICT – (e-learning)** held at KICD – Nairobi. |
| **24th Nov. 2009** | Presented a paper in a postgraduate seminar at **AVU (KU)** |
| **8TH -10 TH JULY 2009** | Presented a paper in the **1st International Conference on teacher education** held at Kenyatta University |
| **14TH – 23RD APRIL 2009** | Attended a Moderation Workshop for General Science textbooks as a moderator; Longhorn Publishing Company. (**Physics** SB 2 & SB4) |
| **2004 - 2009** | Attended all **SMASSE** insets(Cycles 1, 2, 3 & 4) in **Physics**. |

**ADDITIONAL SKILLS**

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| **SUPERVISORY SKILLS** | -KCSE EXAMS AS A SUPERVISOR IN YEARS 2006 & 2007. |
| * SUPERVISOR AT KANGUNDO DISTRICT DURING THE 2009 NATIONAL & HOUSING CENSUS. |
| **COMPUTER SKILLS** | MICROSOFT CERTIFIED EDUCATOR, MS WORD, MS DOS, MS ACCESS, MS EXCEL, MS POWERPOINT, MS PUBLISHER & WINDOWS. |

**HOBBIES**

Swimming, travelling, making new friends and discovering new ways of doing things.

**REFEREES**

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| **PROF. TWOLI**  **+254721451323**  **P.O BOX 43844**  **NAIROBI.**  nicholastwoli@yahoo.com |  | **CHARLES MUNENE**  **+254722274387**  **P.O BOX 30231**  **NAIROBI.** |