

Dr. Maina WaGĩokõ



DR. MAINA IS HEAD OF PROFESSIONAL DEVELOPMENT CENTER AT THE AGA KHAN ACADEMY MOMBASA. DR. MAINA IS A GLOBAL COORDINATOR IN KNOWLEDGE INNOVATIVE EXCHANGE PROJECT ACROSS KENYA, RWANDA, BANGLADESH AND CANADA. DR. MAINA IS A BOARD MEMBER OF GLOBAL ACTION PLAN WHERE SUSTAINABLE BEHAVIOR CHANGE IS THEIR CORE FUNCTION. DR. MAINA IS A MEMBER OF TC3 WG3 INTERNATIONAL FEDERATION FOR INFORMATION PROCESSING (IFIP).

DR. MAINA IS HEADING A 5-YEAR 250M FOUNDATION FOR LEARNING PROJECT ON EDUCATORS CONTINUOUS PROFESSIONAL LEARNING AT A DISTANCE IN THE YEAR 2020-2025. DR. MAINA IS A MASTER TRAINER, LEAD FACILITATOR, INSTRUCTIONAL DESIGNER AND AN AUTHOR ON INNOVATIVE PEDAGOGIES, CONTINUOUS PROFESSIONAL LEARNING AND EDUCATION FOR SUSTAINABLE DEVELOPMENT. DR. MAINA IS COLLABORATING WITH BRITISH COUNCIL IN RECASTING FACE TO FACE PROFESSIONAL LEARNING PROGRAMMES INTO REMOTE DEPLOYMENT ACROSS THE REGION. DR. MAINA IS A JOURNAL REVIEWER WITH [EDUCATION AND INFORMATION TECHNOLOGIES](#) AND ACADEMIC JOURNALS.

IN 2019 DR. MAINA WAS A VARKEY FOUNDATION GLOBAL TEACHER FINALIST. DR. MAINA RECEIVED AGA KHAN UNIVERSITY PRESIDENTS RECOGNITION ON LEADERSHIP CHANGE IN EDUCATION IN 2019. DR. MAINA HAS BEEN RECOGNIZED AS TOP 100 MOST INFLUENCERS OF EDUCATION TECHNOLOGY IN AFRICA (2018). DR. MAINA IS A METIS FELLOW (2018), A HARVARD GRADUATE SCHOOL OF EDUCATION FELLOW (2012) AND MICROSOFT FELLOW (2017). DR. MAINA HAS BEEN MICROSOFT INNOVATIVE EXPERT EDUCATOR FOR THE LAST 5 YEARS (2015-2021) AND



Perspective

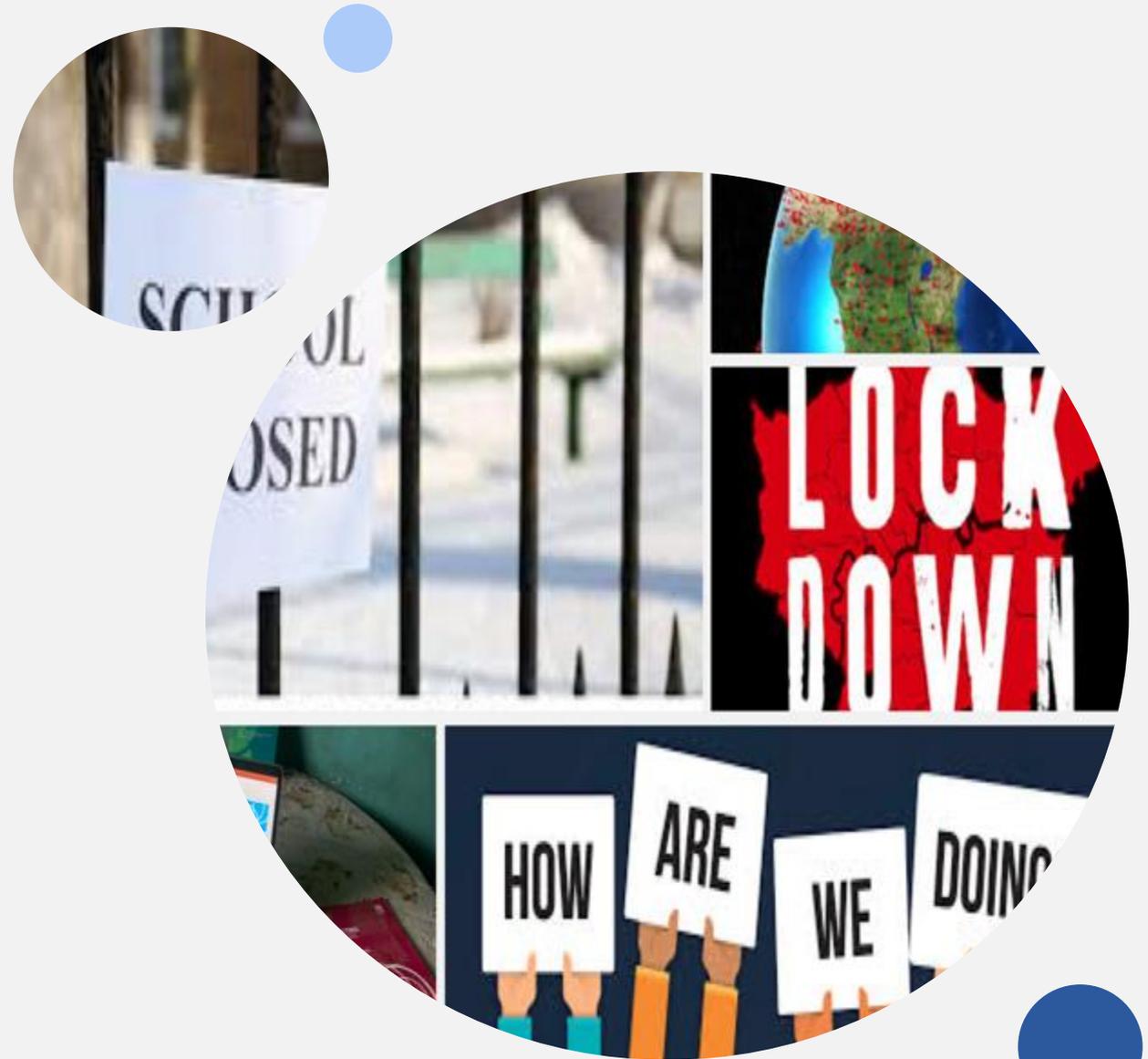
Progressive Equitable Transition to Remote Learning as a Response to Covid-19

October 12, 2020

*2nd Annual International Conference
on Open Distance and e-Learning.*

Agenda

- Pre-Pandemic Pedagogy
- Pandemic Pedagogy
- Lesson Learnt
- Equity in Pandemic Pedagogy





Researcher



Policy Engagement



Dr. Maina WaGioko
Head Professional Development Center
Aga Khan Academy, Mombasa

Supporting Schools



Educators Preparation



Same Storm

Different Boats





Face to Face Classroom



- Physical Classroom
- Field Trip
- Lab

Live Online



- Virtual Classroom
- Webinar

Coaching



- Coaching
- Mentoring

Collaboration & Community



- Portal
- Blog
- Wiki
- Chat
- IM
- Threaded Discussion
- VoIP

Multimedia



- Video Streaming
- Podcast
- Distance Learning
- CD-ROM/DVD

Web-Based Learning



- Internet/Intranet
- Self-Paced
- Tutorials
- Simulation
- Games

Performance Support



- Knowledge Management
- Workflow
- Automation
- Performance Support
- Mobile & Wireless

~~Same Time/
Same Place
Instruction~~

Same Time/
Different Place
Instruction

Different Time/
Same Place
Instruction

Different Time/
Different Place
Instruction



Contextually Viable
Platforms
Delivery





What platforms are available in our contexts?
(Learning, Communicating, Discussing, Submission, Collaborating)

How can we deliver our session in this time of COVID 19
(Structure, Engagement, Time, Support, Assessment)

ES



AAC

Face to face Vs Remote learning



OUT OF CLASSROOM LEARNING

The Kenya Institute of Curriculum Development (KICD) has developed additional learning while at home for learners, teachers or learners in primary or secondary schools. The programmes are available on radio, television, YouTube and Kenya Educational Cloud (KEC).

Radio
Radio broadcast services are available on KICD English Service and from 10.00 am to 11.00 am on KICD English Service and from 10.00 am to 11.00 am on KICD English Service.

EDU TV YouTube
EDU TV programmes are available on YouTube (edu.tv/kenya).

Kenya Educational Cloud
Access quality assured KICD content as well as other educational content through the Kenya Educational Cloud (KEC).

KEY CONTENT

- Learning areas of Curriculum (CBC)
- Subjects covered
- Set books analysis
- All teachers can teach and be taught
- Teacher oriented career sensitization KICD Bookish

RADIO BROADCAST

DAY	TIM
MONDAY	10:00-11:00
TUESDAY	10:00-11:00
WEDNESDAY	10:00-11:00
THURSDAY	10:00-11:00
FRIDAY	10:00-11:00

TIME/DAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:10 - 9:30	English Std 8	Maths Std 7	English Std 6	English Std 7	IRE Grade 3
9:30 - 9:35	EDUCATIONAL NEWS AND ANNOUNCEMENTS				
9:35 - 9:55	Maths Std 6	Science Std 5	Kiswahili Std 8	Science Std 8	Maths Grade 4
9:55 - 10:05	EDUCATIONAL NEWS AND ANNOUNCEMENTS				
10:05 - 10:25	Maths Std 8	CRE grade 4	English grade 4	CRE Grade 1	Kiswahili form 1
10:25 - 10:30	EDUCATIONAL NEWS AND ANNOUNCEMENTS				
10:30 - 10:50	CRE Std 7	CRE Std 8	Hygiene and Nutrition grade 3	Science and Technology Grade 4	IRE Std 8
10:50 - 11:05	NEWS AND OR ANNOUNCEMENTS				
11:05 - 11:25	Social Studies Std 5	Kiswahili Std 6	Maths Std 5	Kiswahili Std 7	Social studies Std 6
11:25 - 11:30	LUNCH/EDUCATIONAL NEWS AND ANNOUNCEMENTS				
11:30 - 11:50	CRE grade 3	CRE grade 2	English Std 5	Kiswahili grade 3	Environmental activities grade 1
11:50 - 12:05	EDUCATIONAL NEWS AND ANNOUNCEMENTS				
12:05 - 12:25	CRE Std 6	Social Studies Std 7	Science Std 6	Kiswahili grade 4	Kiswahili grade 1
12:25 - 12:30	EDUCATIONAL NEWS AND ANNOUNCEMENTS				
12:30 - 12:50	Kiswahili grade 2	CRE Std 5	Agriculture Grade 4	Social Studies Std 6	Science Std 7
12:50 - 2:05	ENGLISH SERVICE PROGRAMMING				
2:05 - 2:25	Business studies form 1	Drug & Substance Abuse (Upper primary)	Kiswahili form 2	Social Studies Grade 4	Biology Form 2
2:25 - 2:30	EDUCATIONAL NEWS AND ANNOUNCEMENTS				
2:30 - 2:50	History and Govt form 4	Business studies form 4	Kiswahili Std 5	Biology Form 1	Geography form 4
3:00 - 3:30	CRE Form 3	Fashi - Ijumbe, Ikalishiba	Civic Education (Upper primary)	Kiswahili form 3	Business studies form 4 (next programme)
3:30 - 3:50	Geography form 3	English (Catch the phrase) form 2	Biology form 4	Fashi (Kigogo)	Business studies form 3 (next programme)
4:00 - 4:10	NEWS				
4:10 - 4:30	Agriculture form 3	English form 3	Geography form 1	Business studies form 3	Career information
4:30 - 4:50	History and Govt form 3	History and Govt form 2	Agriculture form 3 (next programme)	Business Studies form 2	Maths Form 2

RADIO BROADCAST RECEPTION FREQUENCIES & COVERAGE AREAS - KICD ENGLISH SERVICE

VHF-FM BAND (MHz)	Nairobi	Nakuru	Western Kenya	Mombasa	Malindi	Nyeri
95.6	96.5	91.3	105.1	99.3	100.7	

FTTH-FM Garsia - 99.5 FM and Wajir 130.5 kHz

RADIO TAIFA AIRTIME IS BETWEEN 10 - 11AM

Nairobi	Nyeri	Nyambene Central	Lodwar	Lokichoggio	Marsabit	Marsal	Garsia	Wajir	Mombasa
92.9	87.6	90.4	88.6	89.3	87.5MHz	110.7MHz	96.7MHz	115.2	100.8

NOTICE TO PARENTS, TEACHERS AND GENERAL PUBLIC
Teachers, parents and learners are notified that delivery of curriculum is through use of approved curriculum support materials. It is to the best interest of the learner that ONLY KICD approved materials (print and electronic) are provided for use by learners. Use of non-approved materials is in contravention of KICD Act Section 27 (2) c. The list of approved materials is available on the KICD website: kicd.ac.ke

Kenya Institute of Curriculum Development
For more information visit us on the KICD website: www.kicd.ac.ke
Contact: 0729 327 334, 0729 327 331, 0721 470 045 or 0722 34790

KENYA INSTITUTE OF CURRICULUM DEVELOPMENT FREQUENTLY ASKED QUESTIONS ON THE OUT OF CLASSROOM LEARNING PROGRAMME

- What measures has the government put in place to ensure our children continue learning during their stay at home due to Corona virus?**
A The Ministry of Education through the Kenya Institute of Curriculum Development (KICD) is conducting learning through educational media programmes that are available on radio, television, YouTube and Kenya Educational Cloud (KEC).
- What is the mandate of KICD?**
A The Kenya Institute of Curriculum Development (KICD) is a body corporate, mandated to develop curricula and curriculum support materials for all levels of education below the university.
- What are KICD interventions for out of class learners?**
A As a curriculum developer, KICD has developed educational programmes to support learners while at home. The programmes are for learners in Primary and Secondary schools as well as teachers.
- How can the Programmes be accessed?**
A The educational programmes can be accessed through the following platforms:
i) Radio: Radio broadcast programmes are currently running on KICD English Service from 9.15 a.m. to 5 p.m. and from 10 a.m. to 11 a.m on Radio Taifa, FTTH FM in Wajir and Garsia also features the programmes.
ii) TV: KICD runs EDU TV that is on air 24/7 specializing in educational programmes. EDU TV channel is a MUST carry by TV distributors in Kenya.
iii) YouTube: EDU TV programmes can also be accessed on YouTube (edu.tv/kenya)
iv) Kenya Educational Cloud (KEC): Kenya Educational Cloud is an online platform with diverse digital content suitable for learners as well as teachers. One can access KEC through the KICD website www.kicd.ac.ke and also through www.keec.ac.ke
- Which learners is the government targeting for out of class learning?**
A The government is targeting of learners in primary and secondary schools during the period they will be at home following a Presidential directive that schools be closed to prevent the spread of COVID 19.
- Can other organisations or individuals provide online content for out of class learners?**
A Other organizations or individuals can provide online learning with the approval of KICD. Use of non-approved educational materials is in contravention of Section 27 of the KICD ACT of 2013 (Revised 2018).
- Explain a step by step, how one can access digital content on the Kenya Education Cloud?**
A Step 1: Go to your browser and enter the URL: kicd.ac.ke
Step 2: Click on the menu 'KENYA EDUCATION CLOUD'
Step 3: Click on the menu 'DIGITAL CONTENT'
Step 4: Scroll down as you explore the content you want to utilize for learning e.g early years education, primary or secondary school.
Step 5: click the button 'Access' to open the learning resource/ resource
- Why have home based learning / Out of class Learning Programmes when the environment is this tense due to Corona virus fears?**
A The confirmation of Coronavirus disease in the country resulted to closure of schools as a precautionary measure. Just like the way workers have been forced by circumstances to adjust and work from home as a safety precaution, home based learning during the Coronavirus pandemic is a better option to engage learners in educational enterprise in order to be in touch with the school syllabus and to avoid deviant behaviour that may lead to the spread of the COVID-19 pandemic.
- Are radio and e-learning the best alternatives to replace the teacher?**
A The alternative curriculum delivery modes are not meant to replace the teacher but to complement the work of a teacher. The programmes are not meant to match what a teacher does in class but to add value to the learners' quest for knowledge, skills, values while at home. In this situation where most learners have NO direct access to the teacher, the interactive radio and e-learning lessons are the available curriculum delivery modes, especially in the condition of 'stay at home'.
- What are the key content areas that the Out of Classroom Learning Programmes focus on?**
A The focus is on learning areas for Grades 1-4; subjects covered in classes 5-8 and Forms 1-4. Analysis of set books for literature in English and Fashi ya Kiswahili; Teachers may also register for courses on Competency Based Curriculum (CBC), ICT integration in teaching and learning as well as Health literacy. There are orientation lessons for in-service teachers.
- How can a teacher participate in the ongoing TV and radio lessons?**
A Teachers can participate in the ongoing programmes by applying to KICD to be resource persons. KICD maintains a database of teachers in various subjects areas.
- Did you consider that some learners cannot access internet, computers and mobile phones.**
A Yes, the MOE and KICD thought of the limitations of the various modes and have taken care of a wide range of learners across the country in the platforms they are using.
- Do I need a decoder to access EDU TV Channel?**
A For digital TV, you don't need a decoder. The KICD EDU TV channel was declared a MUST CARRY free to air signal by all TV distributors in Kenya by end of March 2020. This means, the channel should be available on platforms such as PANG, ADN and DSTV. Therefore, the out of school programmes should be aired in all TV set top boxes on free to air terms.
- How can we share feedback about our out of classroom**
A Please contact us through: info@kicd.ac.ke, corporatecommunications@kicd.ac.ke or via our social media platforms-@KICDKenya for Twitter and @KICDKenya for Facebook or through: askeducator@kicd.ac.ke
- Grade four learners seem to have been left out of the programmes.**
A Content for Grade Four learners has been catered for and their programmes are available on TV, Radio and the Kenya Education Cloud.
- How does the Out of School Learning programme cater for learners with special needs?**
A Special needs learners are catered for through the use of the Kenya Sign Language insert on TV programmes, which is signalled in accordance with established standards for all stations. The radio and TV lessons are suitable for visual impaired (VI) and Hearing impaired (HI) learners. KICD is seeking ways to improve the situation to accommodate diverse need of this category of learners.
- How do I know lessons that are programmed for each day?**
A 1. You can visit the KICD website for the current programme - www.kicd.ac.ke
2. Send your request to 0729327334, 0729327331, 0721472045, 0722341960.

Extension for the call for submission of Grade 4 interactive digital content.
KICD would like to inform the publishers and the general public that, submission of Grade 4 interactive digital content deadline has been extended from 3rd April to 17th April 2020. Other conditions remain the same.

KENYA INSTITUTE OF CURRICULUM DEVELOPMENT MEDIA AND EXTENSION SERVICES BROADCAST TO SCHOOLS TIMETABLE 2020

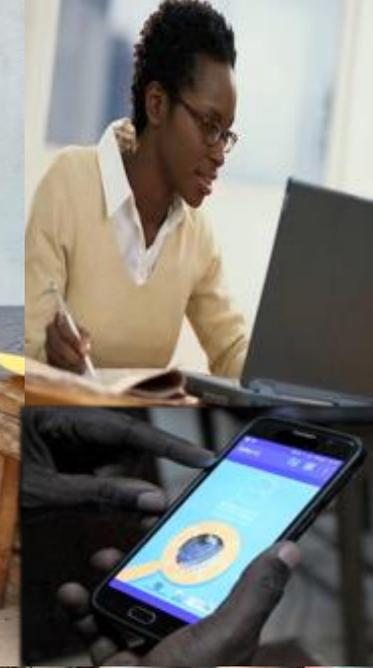
EDU CHANNEL
Available on **DStv**
Channel **316**

RADIO BROADCAST RECEPTION FREQUENCIES & COVERAGE AREAS

Area	Frequency (MHz)	Coverage Area
Nairobi/Limuru	95.6	Nairobi, Limuru
Nakuru	96.5	Nakuru
Western Kenya	91.3	Western Kenya
Mombasa	105.1	Mombasa
Malindi	99.3	Malindi
Nyeri	100.7	Nyeri

EDU CHANNEL 316
Tune in and continue learning

**I'm not
against online
teaching, but
what about
us?**





Offline

Off Grid

Home Based

Learning





Whats your Percentage split between the reached and the unreached in your context?





#1: Unlocking technology to deliver education

- Blended learning will dramatically increase
- Digital tools as compliments not substitutes
 - Asynchronous
 - Synchronous
- Blended learning approaches will be tried, tested, and increasingly used.



#2: Teachers and schools are receiving more respect, appreciation, and support for their important role in society.



Resilience



Flexibility &
Adaptability



Emotional
Intelligence



Entrepreneurial
skills

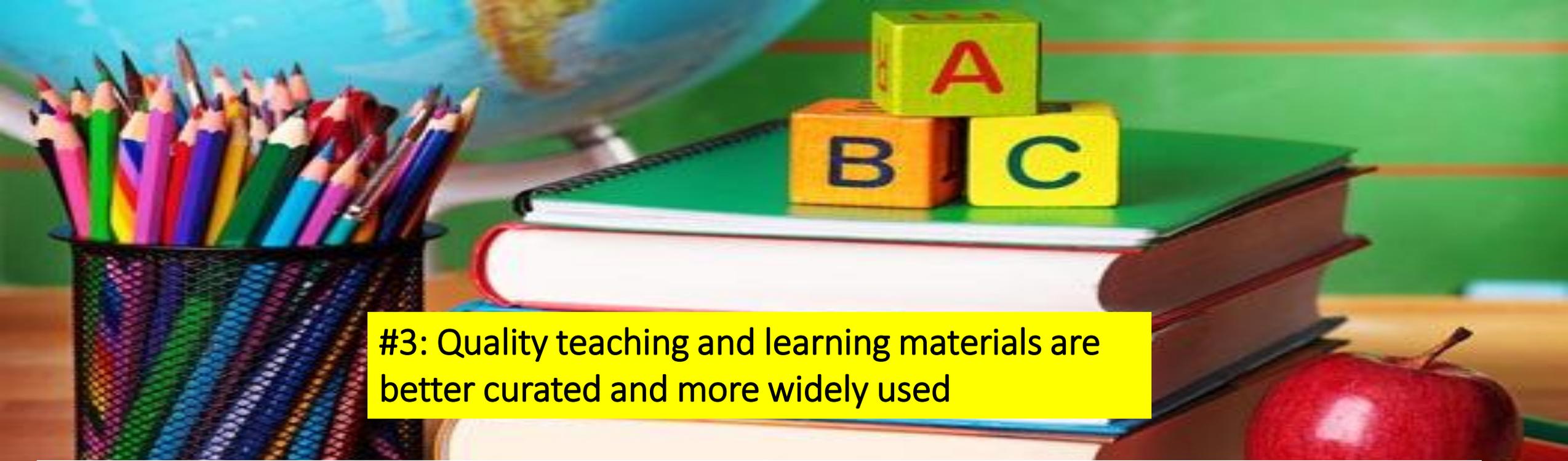


Creativity &
Critical thinking



Continuous
learning



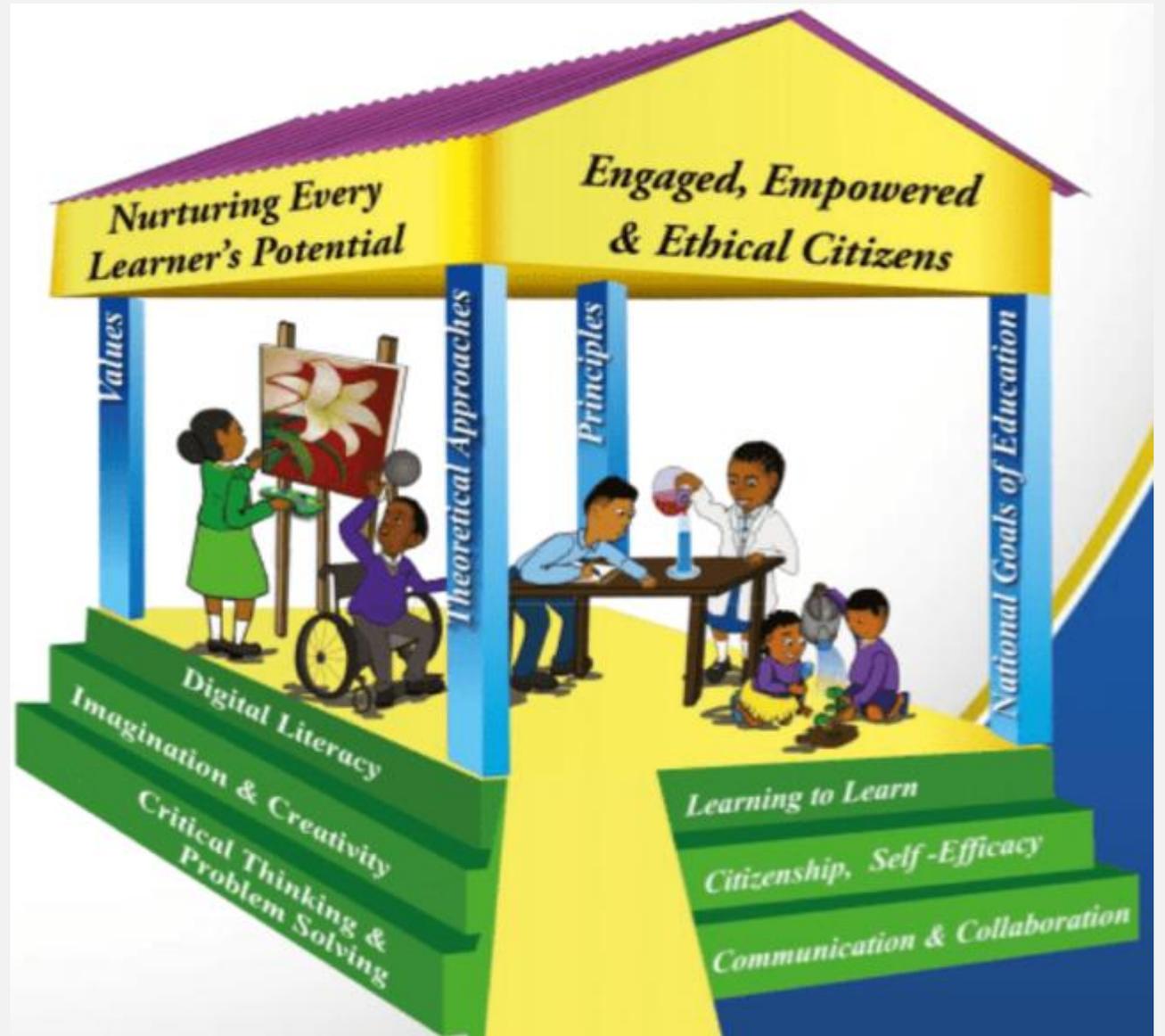


#3: Quality teaching and learning materials are better curated and more widely used



#4: SHIFT to COMPETENCY BASED LEARNING

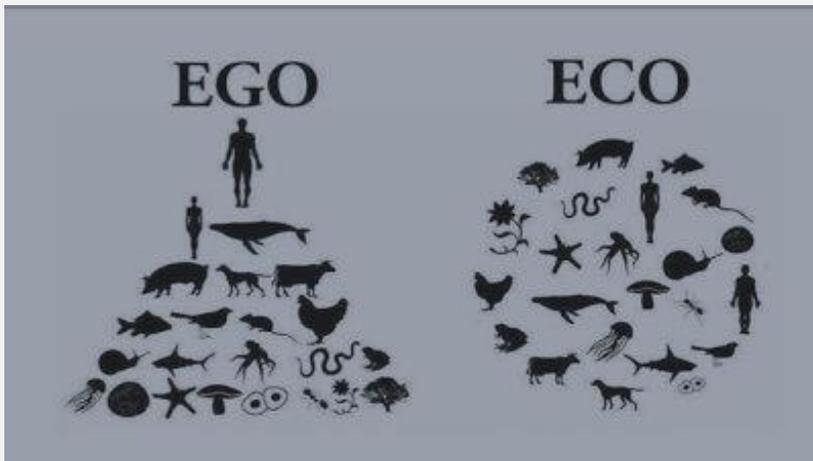
- Life Skills
- Value Based Education
- Pertinent and contemporary Issues
- Core Skills
- Formal, Non-Formal and Community Service learning





#5: INCREASED INTERDEPENDENCE

- Teacher collaboration will grow and help improve learning.
- Wall less Classrooms
- Borderless classroom.
- Educating citizens in an interconnected world



Remote Learning Challenges



Synchronous Session

Delivery

Recording

**Audio
Accompaniment**

Captioning

**Chatbox
Discussions**

**Multi Device
Access**

Differentiated Approach

**Know You
Learners
access**

Devices

Wifi
Access

**Explore
multiple
response ways**

Live

Online

Offline

Print

**Consider
Psycho- social
status**

Mental

Physical

**Discuss with
the learners**

Change
in
Pedagogy

Asychornous Learning

Interactive Videos

Multi-modal Communication

Self Regulated Learning





PRESENTERS CONTACT



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Maina WaGiokō Ph. D.

Vice Principal PD and Outreach
 Head Professional Development Center
 Aga Khan Academy, Mombasa
 Global Coordinator Knowledge Exchange (KIX)
 Global Facilitator
 Examiner and School Evaluator
 GAP International Board Member

Not all storms come
to disrupt your life,
some come to clear
your path.

~Amen~

