

Why do we need to Reform our Education System?

THE BIG SHIFT

FROM PREVIOUS SYSTEM

From 7-4-2-3 in 1963, to 8-4-4 in 1985 – over time the system became academic and examination oriented leading to three key problems:

DISCONNECT between school content and the world of work. Youth unemployment is on the increase. Many Learners exit school without skills for work and skills for life.

DISCONNECT in realizing the national goals of education which emphasis core values and principles such as nationalism, social equality and responsibility.

DISCONNECT with the needs of the 21st century which has been dubbed as a knowledge and skill age that demands a new set of competencies.

TO NEW SYSTEM

In response to the Constitution of Kenya 2010 and to achieve Kenya Vision 2030, we need to transform our education system towards developing three key components:

COMPETENCIES: Kenya’s economy is rapidly changing fast. Some of the jobs (as shown to the right) will be transformed by 2030. We need to prepare our children for new possibilities. The 21st Century demands citizens who are multi skilled. The new system seeks to produce a child with relevant **COMPETENCIES** to thrive in a rapidly changing world.

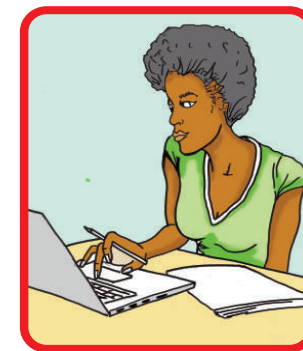
CHARACTER: The school system need to mold learners to acquire values that support peace and national unity. Value Based Education and parental involvement are core pillars in the new curriculum. The new system seeks to produce a child who has good **CHARACTER**.

CREATIVITY : The 21st Century is a society in which knowledge and well thought out ideas are key source of economic growth. The schools system needs to develop Kenyans who are able to creatively solve problems.

Current Common Jobs



Manufacturing



Science, Engineering & Technology



Self-Employment & Entrepreneurship



Mining

What is new in the Competency Based Curriculum?

We changed the curriculum to focus on core skills - **THE FOUR C'S** - and all Subjects are linked to these skills.

1 COMMUNICATION & COLLABORATION



We work together to speak and realize shared goals.

For example in Language and

Literacy: listening, speaking, reading, writing - in Kiswahili (Grammar & Literature), English, Kenyan Sign Language, or Foreign (Arabic, French, German or Mandarin)

Life Skills Education: interpersonal skills

2 CRITICAL THINKING & PROBLEM-SOLVING



We observe, evaluate, and reason to find solutions.

For example in Math: numeracy, logical reasoning, finding patterns

Science: Physics, Chemistry, Biology,

Technical & Career Education: metal/woodwork/leather, electricity, construction, design, cooking, fisheries, manufacturing, aviation, media

Business Studies: entrepreneurship;

Agriculture: managing and farming crops and livestock

4 CITIZENSHIP



We value our community and act with respect for all.

For example in Religious Education: Christian, Islamic, Hindu

Social Studies: History, Geography, Civics, Economics

Health & Environmental Education

3 CREATIVITY & IMAGINATION



We are free to think differently, to create new and valuable things.

For example in Creative Arts: art, craft, music

Visual Arts: 2D and modeling

Performing Arts: music, dance, drama

Sports & Physical Education: psychomotor skills - play, exercise
3D Printing

How does a Learner Grow in the new Education System?

Three mindsets are taught across the new curriculum:



5 LEARNING TO LEARN

We are curious and seek to learn everyday.



6 SELF-EFFICACY

We have the confidence to do difficult things.



7 DIGITAL LITERACY

We use digital devices to create and access information.

A LEARNER'S JOURNEY IN THE NEW SYSTEM



Learning within family and in community



EARLY YEARS EDUCATION
Pre-Primary
Lower Primary



MIDDLE SCHOOL
Upper Primary



SENIOR SCHOOL
Lower Secondary

- ➔ Arts & Sports Science
- ➔ Social Sciences
- ➔ Science Technology Engineering and Maths (STEM)



TERTIARY EDUCATION

- ➔ TVET
- ➔ University

Age 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

Key Moments

85% of brain growth before age 5

Enter formal school

Master basic skills

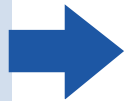
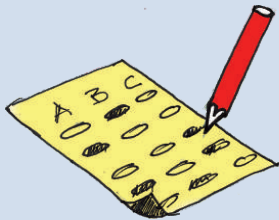
Choose 1 of 3 Pathways to master skills for a specific job

Find or create a job, or enter Tertiary Education

How does we Teach and Learn in the new System?

FROM

FOCUS ON EXAMS ONLY



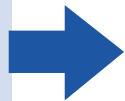
TO

FEEDBACK

Formative assessment that measures whether learner can put into practice what they have learned, such as:

- Observation with checklists
- Portfolios with rubrics
- Questionnaires
- Progress report card

FOCUS ON LECTURES



HANDS-ON

Schools connect to community and industry, so that learners gain skills related to real-world. Learning is experiential and practical, through:

- Field trips
- Attachment/ apprenticeship programs with industries
- Community service projects (135 hours required)

GET INVOLVED:

GOVERNMENT ACTORS

Let us be professional as we implement the new curriculum.

NON STATE ACTORS

Let us monitor and provide feedback on the new curriculum.

TEACHERS

Let us transform the way we teach to match new demands.

LEARNERS

Let us learn and grow to be the best we can.

PARENTS & GUARDIANS

Let us provide a safe and healthy environment for our children.

- Encourage our children to ask questions,
- Discuss our children's progress with their teachers
- Participate in school activities
- Monitor implementation of the new curriculum

For feedback or further information contact:

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INTERACTIVE

Teacher facilitates learners to learn skills from others through:

- Peer learning
- Team projects
- Parental engagement

FOCUS ON MEMORIZING

