

Leveraging Creative Learning for the Emerging African Youth Generation



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Nowhere in the world are children more central to a continent's future than in Africa, where they account for almost half (47 per cent) of all inhabitants. (UNICEF 2017)





➔ WHY?

Africa

SOME STATISTICS:

Population

- Under 15 : 41%
- 15 – 24 years old : 19 %
- By 2050: 2.5 Billion (Increase by 1.3 Billion from 2017). More than half of world population growth.




Africa

Youths

- By 2050: 830 Million (Double from 2016)

Children

- By 2030 : 750 Million (Increasing by 170 Million from 2016)
- By 2055 : 1 Billion (40% of global total)



Transform Africa's educational, skills and vocational learning systems through systems-strengthening, curriculum reform and access to technology, to enhance learning outcomes and match the skills of Africa's children and youth to current and future labour market needs.

Maximize the use of available resources (domestic and international) to increase investment in Africa's children and youth, targeting the most effective programmes and population groups with the greatest need.

(From Policy Actions for Generation 2030 Africa UNICEF 2017)



➤ There is no trust more sacred than the one
the world holds with children.

Kofi Annan





➔ WHAT?

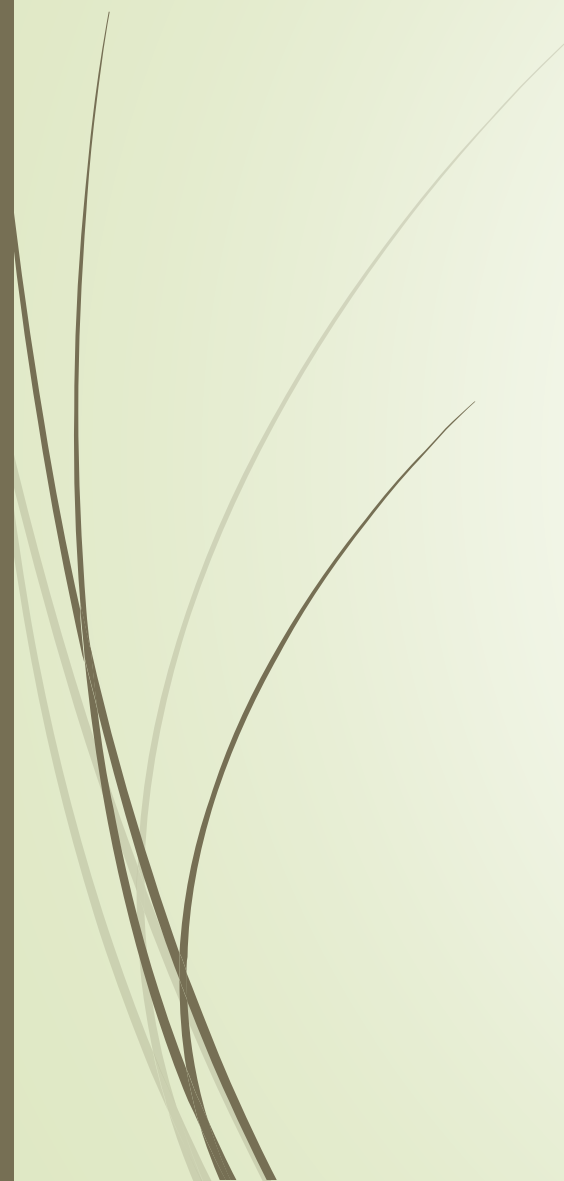



Creative Learning

- *“The main goal of education in schools should be the creation of men and women who are capable of doing new things, not simply repeating what other generations have done. Men and women who are creative, inventive and discoverers. People who can be critical, validating, and not necessarily accepting, everything that is offered to them “*

Jean Piaget

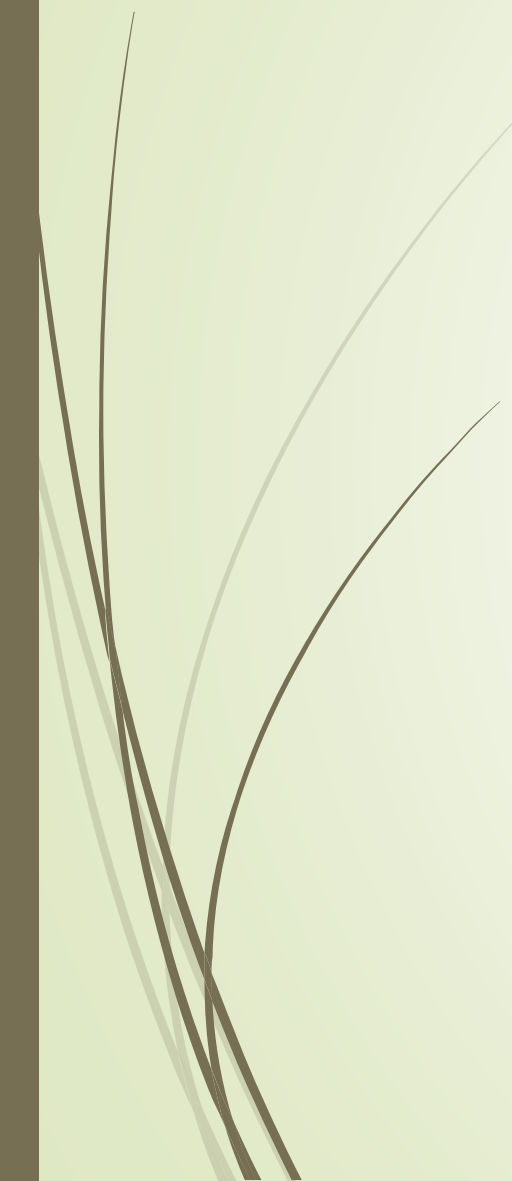




➔ HOW?



Coding?


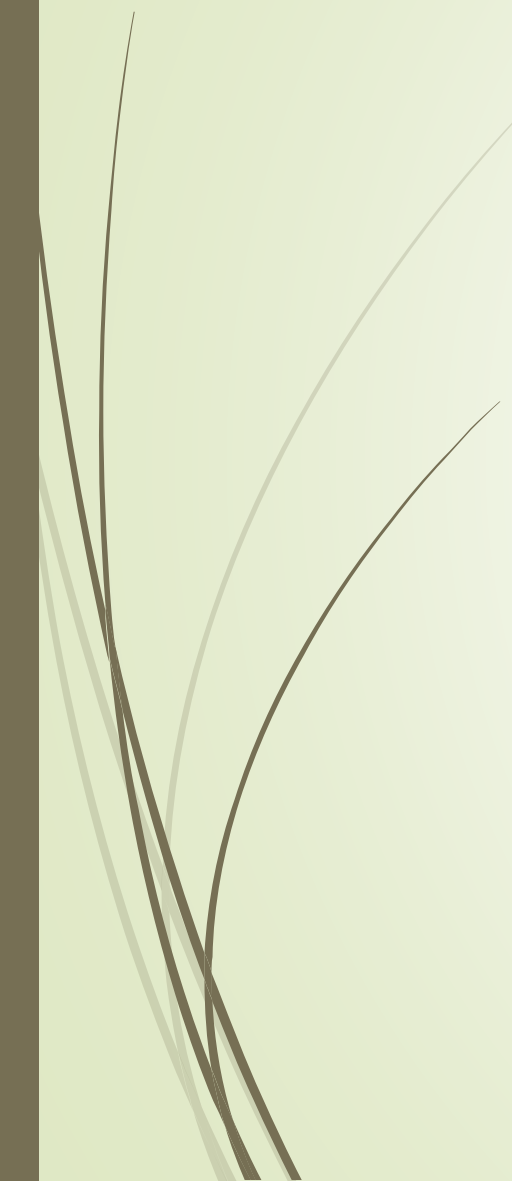
- Creative thinking
 - Computational thinking
 - Scratch and many other languages
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Robotics ?

- Creative thinking
- Computational thinking
- Mechanics, Electronics and Computing (Software meets hardware)
- Interfacing with AI and ML
 - Current Computing Platforms: ML for Kids, Cognimates, Scratch



➔ HOW should not
overtake WHAT!

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- “Short Term Pessimist , Long Term Optimist”
Mitchel Resnick (Founder, Lifelong Kindergarten, MIT Media Lab)
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➡ THANK YOU!