

# Digital Education in Tanzania: A Voice from the Ecosystem



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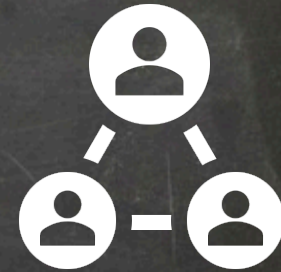
# DIGITAL TANZANIA



Internet Users  
23,142,960



Users Accessing  
Internet on  
Mobile phones  
82.6%



People with Mobile  
Phones  
43.6M (81%)

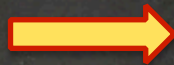


Number of SMS  
monthly  
8,113,900,608

# TANZANIA EDUCATION SYSTEM



Gross Enrollment  
Primary  
93.2% (2019)



Gross Enrollment  
Lower Secondary  
43.7%

99% (2025)



Secondary Exam  
Pass Rate  
77.09%



78% (2025)



# SURVIVAL RATE

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Current: 48%  
Target: 75%



Primary Standard I



Secondary Form IV

## Current Methodologies

“Chalk and Talk”

“Practicals”

“Teacher – Students Engagement”

# PATHWAYS Via TECHNOLOGY

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Accessible Teachers



Supplementary learning opportunities

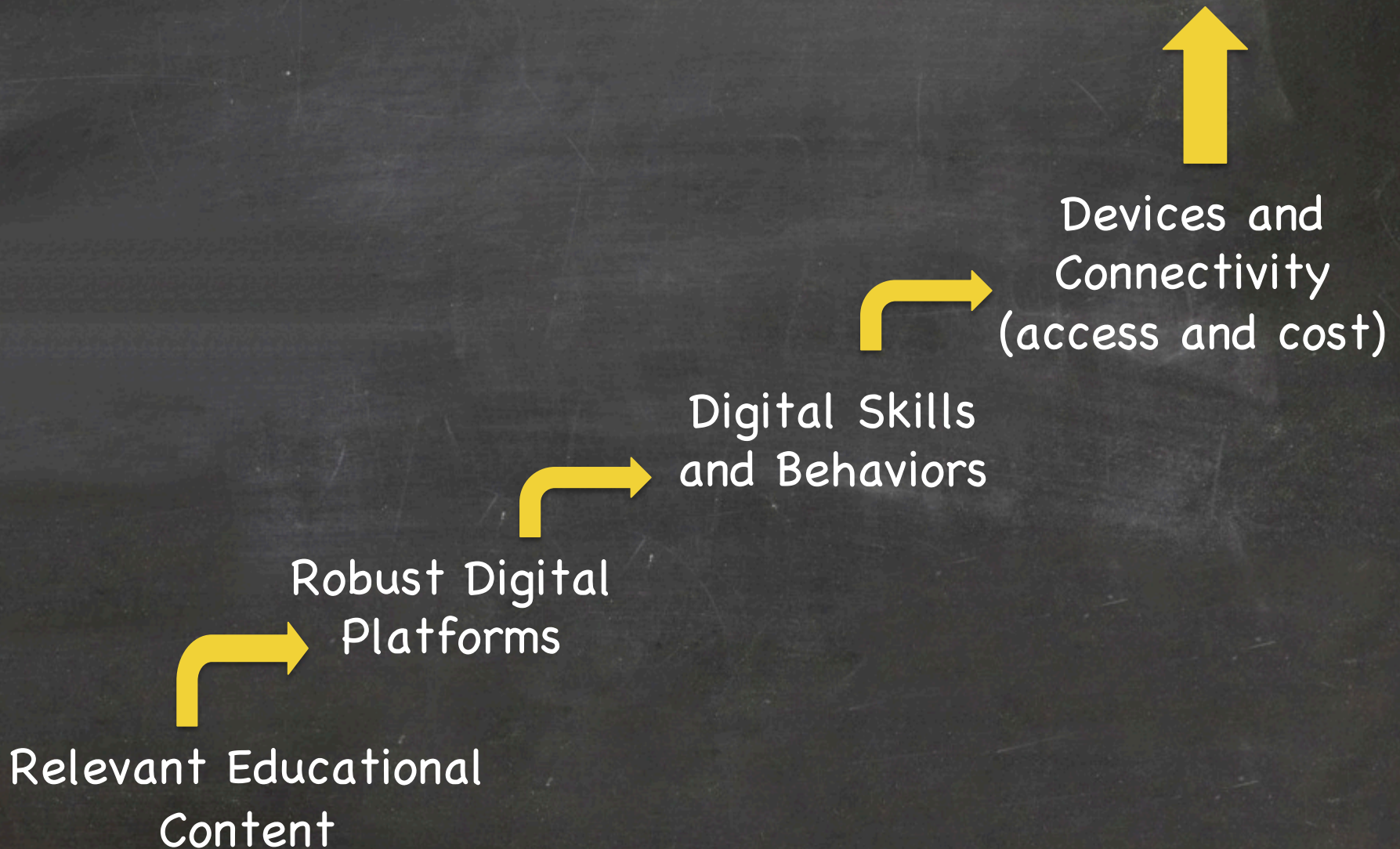


Enhanced engagement with learning resources



# Access and Use: Tech for Education

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# DIGITAL MODEL OF EDUCATION

Learning Outcomes

Divergent innovation in the ecosystem through collaboration with partners and stakeholders

Advocacy

Training

Content

Platforms

CAREGIVERS

LEARNERS

EDUCATORS

INSTITUTIONS

**IMPROVED LEARNING OUTCOMES  
INCREASED SYSTEM CAPACITY  
GREATER INCLUSIVITY**

## 4. REDEFINITION

Tech allows for the creation of new tasks, previously inconceivable

## 3. MODIFICATION

Tech allows for significant task redesign

## 2. AUGMENTATION

Tech acts as a direct tool substitute, with functional development

## 1. SUBSTITUTION

Tech acts as a direct tool substitute, with no functional change

# TRADITIONAL MODEL OF EDUCATION



# Role of NGOs in Innovation



Monitoring,  
Evaluation  
and Learning



Capacity Building:  
Infrastructure and  
Skills Development



Advocacy and  
Policy  
Engagement



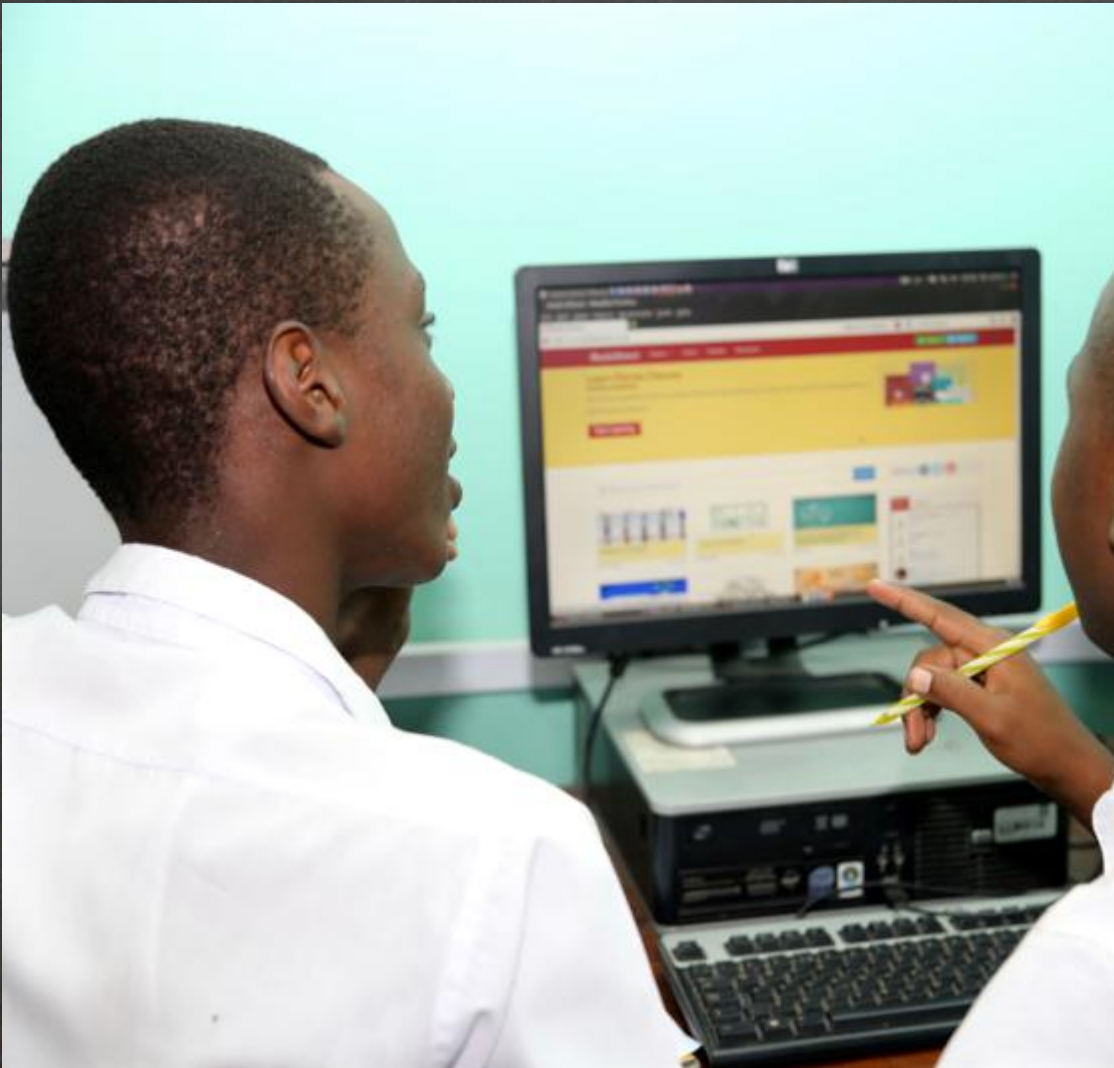
# Teacher Kidevu

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Tanzania's 1<sup>st</sup>  
Virtual  
Teacher

# Web & Mobile Platforms



**-2.2M+** unique users

**-240k+**

registered students

**-175k+** Active App Downloads

**-90+** Secondary Schools connected to LMS

*Azania Secondary School students learning on Shule Direct web platform*



MAKINI SMS in partnership with **unicef** 



**-180k+**

Subscribers

A mobile revision platform accessible via Short Messaging Service available for FREE on all Mobile Networks in Tanzania in partnership with UNICEF Tanzania  
(SMS MAKINI to 15070)



# Digital User Communities

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**4k+** Registered  
Parents &  
Caregivers

*A mother and daughter learning on Shule Direct  
in Ranch Village, Loingido - Arusha*



# Principles for Digital Development

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**Design with  
the user**



**Build for  
sustainability**



**Reuse and  
improve**



**Understand  
the existing  
ecosystem**



**Be data  
driven**



**Address  
privacy &  
security**



**Design  
for  
scale**



**Use open  
standards**



**Be collaborative**

# Improved Learning Outcomes

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Be a catalyst that ensures students' success by providing anytime, anywhere learning opportunities



@ShuleDirect