7th International Skills Forum

Anticipating and Preparing for Emerging Skills and Jobs

12–14 December 2017
Asian Development Bank, Manila, Philippines

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50 YEARS ADB

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Connecting the Disconnected:

Bringing Digital Educational Content to All Learners with Kolibri

LearningEquality.org
@LearnEq
@LearningEquality

LEARNING EQUALITY

Elizabeth Vu, Implementations Lead
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Jordan Yoshihara, Curriculum Tech Lead

Tackling Global Challenges

Educational Inequity:

- **263 million children and youth** are unable to attend school
- **617 million children and youth** are not achieving minimum proficiency in reading and mathematics

Lack of Access:

- **Less than half of the world** is online

KHAN ACADEMY

openstax™

PhET

African Storybook.org

Implementing KA LITE around the Globe

In 2012, Learning Equality launched KA Lite — now providing local, offline access to Khan Academy content for **4,500,000 learners** in over **194 countries and territories.**

Informal Learning

Orphanages

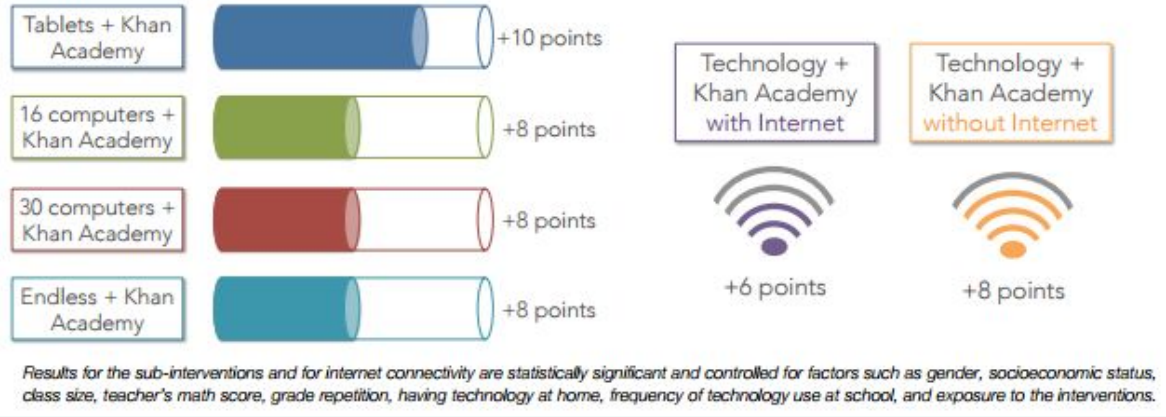
Rural Schools

Prisons

Refugee Camps

KA Lite as Proof of Concept

Funsepa in Guatemala



Results for the sub-interventions and for internet connectivity are statistically significant and controlled for factors such as gender, socioeconomic status, class size, teacher's math score, grade repetition, having technology at home, frequency of technology use at school, and exposure to the interventions.

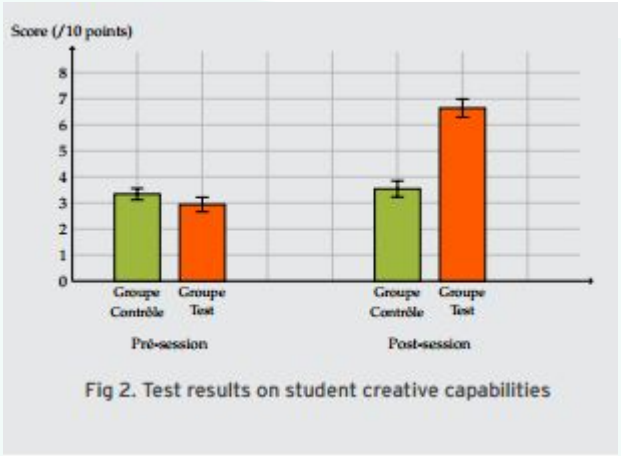


Fig 2. Test results on student creative capabilities

Bibliotheques Sans Frontieres in Cameroon

Also see:

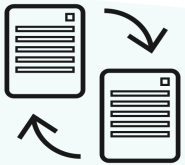
Nalanda Project in India

Introducing Kolibri

Kolibri is an open-source ed-tech platform and toolkit designed for multiple contexts, focused on:

- fostering **innovative pedagogy** and effective **learning outcomes**
- increasing the availability of **relevant, aligned learning materials**
- overcoming **infrastructural barriers** preventing equitable access

Open content library + curation tools



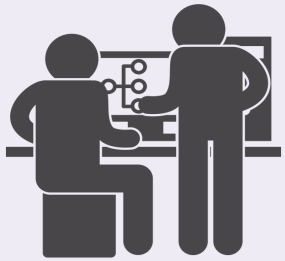
Seamless distribution and data syncing

Wide variety of hardware (legacy/low-cost)

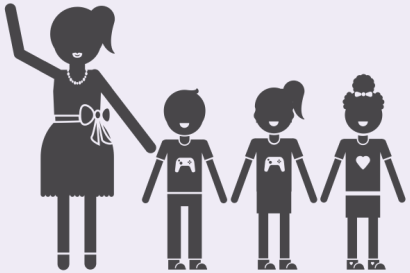
No Internet required

Supporting Self-Paced and Blended Learning

Kolibri allows for **students** to **learn at their own pace**, while providing **teachers (or other mentors)** with tools and support for **facilitating blended learning** — all in an offline setting.



Content curation for aligning to standards

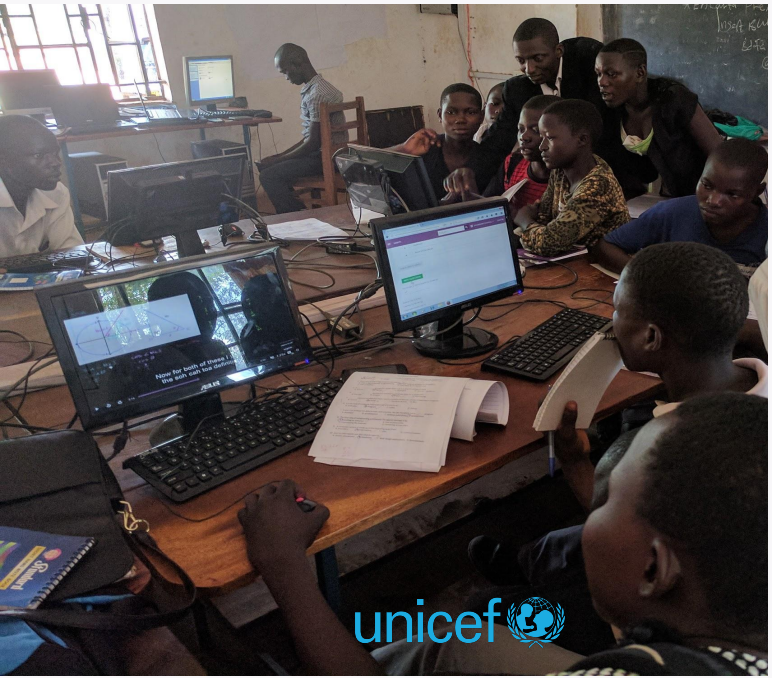


Self-paced and blended learning

Tools to understand student progress

Toolkit to support teachers and implementers

Hardware & Access Models



Computer lab model (Uganda)

Home access via free mobile data (Ghana)

Learn more: https://learningequality.org/r/vf

Classroom with laptop server & tablet client devices (India)