OER in Low-Resource Contexts:
Supporting our teachers in pedagogy and instruction

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Who We Are

Learning Equality is a nonprofit edtech organization that works to address global inequities in education by building software and tools that bridge the digital divide. We started with KA Lite and recently launched Kolibri to continue to drive our mission and support teachers and learners globally.
Objectives

1. Learn about OER’s crucial role in Learning Equality’s work
2. Understand needs/stories of teachers in low-resource contexts
3. Create journey maps to make a set of guidelines for teaching with OER in low-resource contexts
There has been an explosion of high quality, OER content online...

But only **50%** of the world is on the Internet.

And those who *have the least* are the *most disconnected*...

6% online

Lowest income countries
In 2012, we launched our first generation platform, KA Lite — providing local, offline access to Khan Academy content for . . .

5,000,000 Learners
Over 200 Countries and Territories

Explore: https://learningequality.org/ka-lite/map
Continued innovation to fill unmet needs

Feedback from partners and users

Strong need for **curating/aligning** content to local standards
Demand for **additional content** sources, to fill curricular gaps
Importance of supporting inclusion of **locally created** content

To meet these needs, we have designed and built a new, flexible offline education platform...
Our New Solution: Kolibri

- Open content library
- Seamless content and data syncing
- Variety of hardware (legacy / low-cost)
- No Internet required
- Training Toolkit
Curricular Tool: Kolibri Studio

Kolibri allows for **curators** to **tailor** available content, allowing users to **mix and match** from the Kolibri library or create their own using our tool, **Kolibri Studio**.
Online Curriculum Tool

1. Pick a topic and set objectives
   - Consult textbook
   - Consult local curriculum

2. Create sub-topics
   - topic 1
   - topic 2
   - topic 3

3. Search for educational content to fit each sub-topic

4. Map out content to fit curriculum or lesson plan
   - Collaborate
   - Get Feedback

5. Deliver to learners
   - Share
1. Sample training guidelines and session materials

1. Coaching and mentoring guidance

1. Research materials
Collaboration

1. Learning Equality Community Forum

1. Deployment map
flying around the world...
## Implementations:
### Main Pilot Partners

<table>
<thead>
<tr>
<th>Motivation for Excellence: India</th>
<th>UNETE: Mexico</th>
<th>UNICEF: Uganda</th>
</tr>
</thead>
<tbody>
<tr>
<td>● 3 states</td>
<td>● 31 states</td>
<td>● 30 secondary schools</td>
</tr>
<tr>
<td>● 49 schools, 203 classrooms</td>
<td>● 81 schools</td>
<td>● 12 digital kiosks (6 centers)</td>
</tr>
<tr>
<td>● 136 teachers</td>
<td>● 900 teachers</td>
<td>● 158 teachers trained + 40 community workers</td>
</tr>
<tr>
<td>● 9780 student</td>
<td>● 26000 students</td>
<td>● 1400 students in SS + 1100 adolescents in settlements</td>
</tr>
</tbody>
</table>

### Other Partners

<table>
<thead>
<tr>
<th>Vodafone Foundation Instant Schools: Ghana, Tanzania, Mozambique, DRC, Lesotho</th>
<th>To come: Refugee Contexts</th>
<th>To come: Device fund grantees</th>
</tr>
</thead>
<tbody>
<tr>
<td>● Zero-rated context</td>
<td>● 30+ refugee learning facilities</td>
<td>● ~20 organizations</td>
</tr>
<tr>
<td>● 1k-10k unique visits per month per OpCo</td>
<td>● Average of 3,000 students per facility across all four implementation countries</td>
<td>● ~19 countries</td>
</tr>
<tr>
<td>● 60k unique visitors since beginning of program</td>
<td></td>
<td>● Formal &amp; nonformal settings</td>
</tr>
</tbody>
</table>
<pre><code>                                       |                           | ● Computer labs, tablets, mobile carts, projectors, solar-power |
</code></pre>
Activity 1: Create User Personas
Objectives

1) Review common contexts where OER is used in Kolibri

2) Brainstorm facilitator/teacher stories in a particular setting

3) Generate a user persona
Activity 2: Journey map
Possibilities of Teaching With OER

Retain  Reuse  Revise  Remix  Redistribute
Activity 3:
Report back & Reflections
1. What are the biggest differences you see for the use of OER in low resource contexts compared to better resourced contexts?

1. What implications does this have for your work in OER?

1. What implications does this have for the broader OER community?

1. What further questions do you have about OER in low resource contexts?

What’s next?