How to enhance the impact of digital technology on SDG 4
Three principles to enhance the impact of digital technology on SDG 4:

1. Focus on the problem
2. Integrate from the outset
3. Build on the evidence
1. Focus on the problem

UNHCR estimates that 1% of refugees have access to higher education globally.

So how can technology be used to enhance access and quality in higher education for refugees in low-resource environments?
Summary of research activities

- 8 Field visits
- 15 Refugee higher education programmes
- 119 Outcome stars with refugee students
- 303 Refugee students
- 65 Programme staff
- 45 US-based JWL staff
- 28 Distance based interviews
Higher education for refugees in low resource environments: landscape review

December 2016

Higher education for refugees in low resource environments: research study

December 2016
2. Integrate from the outset

Integrate ed tech programmes with:
• classroom rhythms and teacher practices
• regional and national education systems
• the education aid and development sectors

Integrate ed tech programmes by:
• designing based on the context
• building partnerships with educationalists
• developing plausible pathways to sustainability
3. Build on the evidence

A map to identify and organise the evidence regarding education technology and the potential contribution it makes to improving outcomes at primary and secondary levels

- DFID evidence map on education technology
- Framework of interventions / outputs / outcomes
- Research from low and middle income countries
- Published in the last decade
- Database of 401 research studies
3. Build on the evidence

Geographic focus, by country
3. Build on the evidence

Research methods

- Observational studies: 69%
- Quasi-experimental studies: 20%
- Experimental studies: 6%
- Secondary studies: 3%
- Other: 2%
3. Build on the evidence

Analysis of 23 experimental studies

- Geographic focus:
  - East Africa: 35%
  - Other: 65%

- Technology type:
  - Education software: 56%
  - Use of tablets: 22%
  - Other: 22%

- Input type:
  - Curriculum and pedagogy: 100%
3. Build on the evidence

• Undertake synthesis and targeted research
• Develop agreed evidence standards
• Embrace the way ed tech is changing M&E
• Design programmes that can be measured
• Ensure clarity on anticipated outcomes
• Foster a culture of shared evidence building
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