HOW USAID SUPPORTS INFORMATION AND COMMUNICATIONS TECHNOLOGY IN EDUCATION (ICT4E) IN EDUCATIONAL ECOSYSTEMS

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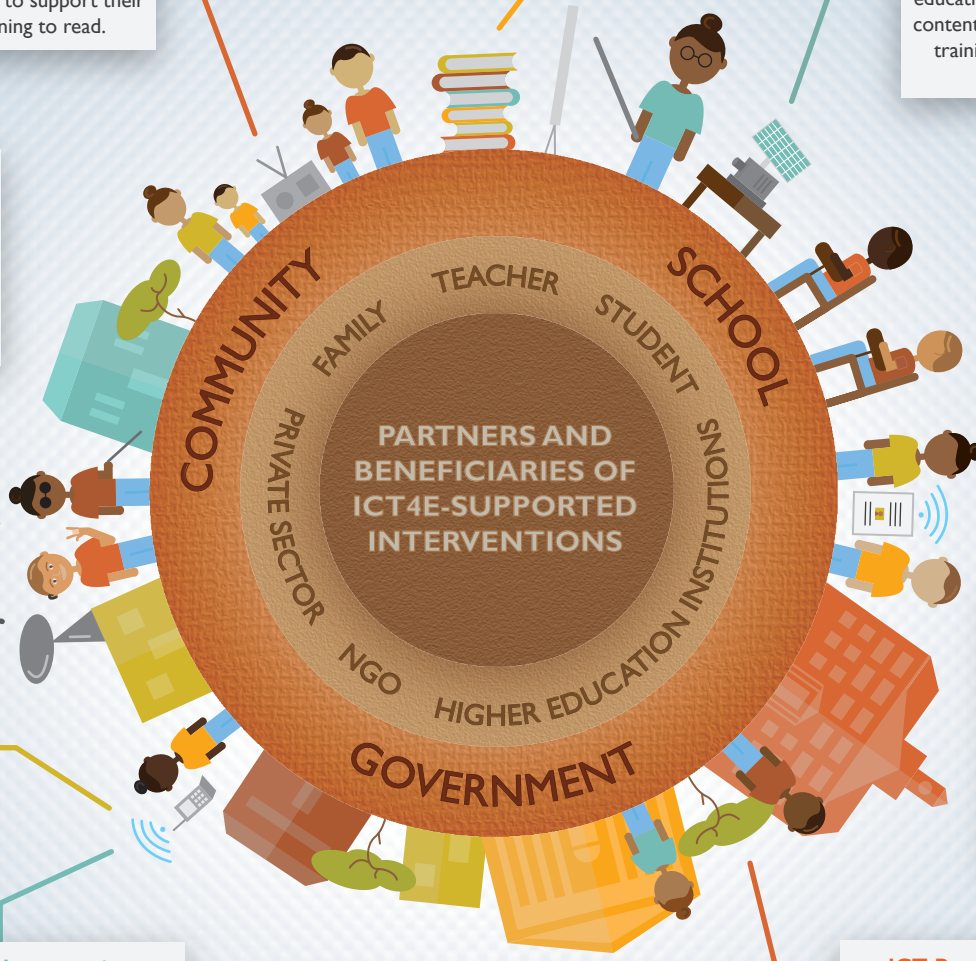
Track and Trace
Low-cost software and apps for greater transparency and accountability of tracking books from the warehouse to the school.

Social Behavior Change Communications (SBCC)
Media campaigns to support household members' beliefs and attitudes toward the roles they can play to support their children with learning to read.

Low-Cost Video Projection
Solar-powered micro projector loaded with educational and multimedia content to support teacher training and classroom instruction.

All Children Reading Book Boost and Sign-On for Literacy Prizes
Increasing the number of accessible, early grade books for blind, low-vision, and deaf children.

Gender Equity
Pairing digital literacy and entrepreneurship skills training for young women.



Digitally Accessible Materials
Low-cost mobile devices are used to provide learners in traditional and non-traditional school settings with a wide range of local language reading materials (e.g. Global Digital Library).

Virtual Tutors
Using low-cost mobile phones and functionalities (e.g., SMS) to provide learners in low-resource settings with access to virtual tutors.

Supporting Learners in Crisis and Conflict Settings
Using mobile devices to provide access to Open Educational Resources (OER) and Open Source applications for learners in challenging educational environments (e.g. EduApp4Syria).

Digital Financial Services
Strengthening efficiency and transparency in the education system (e.g., paying teacher salaries and school fees) by transitioning from cash to digital payments.

ICT Partnerships with Higher Education Institutions (HEI)
HEIs partner with private sector and NGOs to support online teacher training, learner access to curriculum, and job matching and vocational training for in and out-of-school youth.

USAID's Education Policy has identified six key principles:

1) Prioritize country-focus and ownership
2) Focus and concentrate investments on measurably and sustainably improving learning and educational outcomes
3) Strengthen systems and develop capacity in local institutions
4) Work in partnership and leverage resources
5) Drive decision-making and investments using evidence and data
6) Promote equity and inclusion

Cost-effective, evidence-driven, and partnership-leveraged uses of assistive technologies can support all of these key principles at the system level and in traditional and non-traditional classroom settings.

Appropriate technology selection and deployment can advance the equitable inclusion of learners in low-resource environments, such as those in areas of crisis and conflict, and those with disabilities.