



dot-EDU, implemented by Education Development Center (EDC) and part of the USAID DOT-COM Alliance, works with USAID Missions and Bureaus to bring the power of information and communications technologies (ICTs) to transform education and learning systems in developing countries.

# dot-EDU: Transforming Learning Systems through Information and Communications Technologies

## What is dot-EDU?

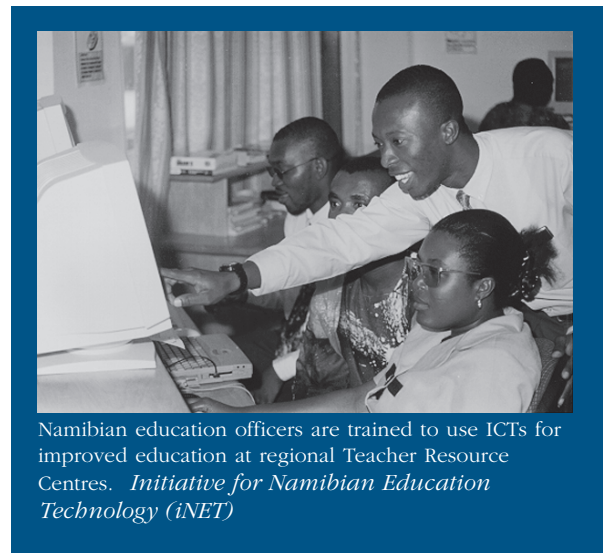
The digital revolution promises to transform teaching and learning through access to information and communication technologies (ICTs). Yet many people still lack access to these new learning technologies, in particular girls and women in developing countries.

USAID-funded ICT activities under dot-EDU promote digital opportunities for developing countries to improve their learning systems in innovative ways. These activities target those often left out of educational systems.

## Solutions to Key Educational Challenges

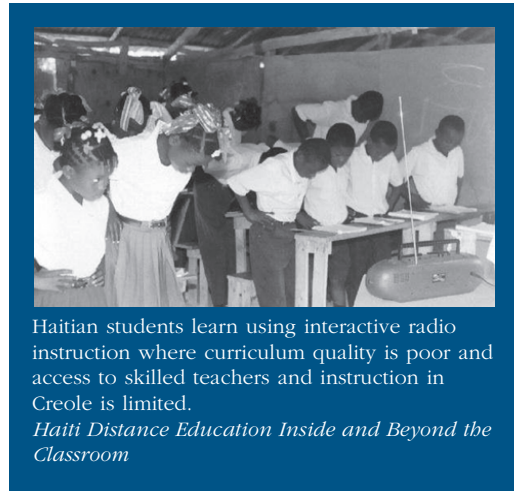
dot-EDU brings context-specific, needs-based technology solutions to key educational challenges around the globe.

- 🔗 **Democratic Republic of Congo: Increase the training capacity of local teachers.** dot-EDU has designed inquiry-based training courses to enable teachers to develop their own didactic materials using local resources and a multi-media computer lab. Teachers are becoming master trainers in active pedagogy and are using video for reinforcement, self-analysis, and classroom observation.
- 🔗 **India: Introduce student-centered learning methods.** The Technology Tools for Teaching and Training Project (T4) improves content and methods of teaching English, math and science through multiple media channels — from interactive radio and mobile video units to multi-media computer labs.
- 🔗 **Zambia: Develop non-formal and life-long learning and training solutions among disadvantaged populations.** dot-EDU is using Interactive Radio Instruction to reach out-of-school Zambian youth and HIV/AIDS orphans.
- 🔗 **Namibia: Maximize the use of ICTs in the national curriculum and supporting decentralization.** The Initiative for Namibian Education Technology (iNET) is bringing ICTs to teacher training colleges and regional education offices, and is supporting the Namibian Ministry of Education's education management information system (EMIS) to decentralize its use of education statistics.
- 🔗 **Guatemala: Pioneer education opportunities for indigenous peoples in native languages.** Proyecto Enlace Quiché has helped Guatemalan teachers create bilingual interactive multi-media instructional materials.



Namibian education officers are trained to use ICTs for improved education at regional Teacher Resource Centres. *Initiative for Namibian Education Technology (iNET)*

- ☞ **Haiti: Improve access to quality primary education in Creole through teacher training and interactive radio instruction.** The Haiti Distance Education Inside and Beyond the Classroom project targets at-risk youth, adults, the elderly, and underserved populations in addition to primary school teachers and students.
- ☞ **Sudan: Deliver information in a crisis environment.** dot-EDU established the Sudan Radio Service which broadcasts unbiased health, civic rights, agriculture, and cultural information in local languages.



Haitian students learn using interactive radio instruction where curriculum quality is poor and access to skilled teachers and instruction in Creole is limited.  
*Haiti Distance Education Inside and Beyond the Classroom*

## Context-Specific Needs-Based Learning Solutions

dot-EDU can offer:

- ☞ Online learning
- ☞ School-to-school partnerships
- ☞ Interactive multi-media instructional materials in local languages
- ☞ Interactive radio instruction and other broadcasting models
- ☞ Digital production and editing of educational mass media
- ☞ ICT-supported workforce development applications.
- ☞ ICT-supported leadership training for educational administrators
- ☞ School-based ICT educational resource centers and telecenters
- ☞ Educational management information systems.

## What is DOT-COM?

**dot-EDU** is one of three Cooperative Agreements (CAs) launched by USAID to meet development objectives through the use of ICTs under a mechanism called the Digital Opportunity through Technology and Communication Partnerships, or DOT-COM Alliance. The CAs are dot-EDU, dot-GOV, and dot-ORG. In collaboration with nearly 100 public, private, university and NGO partners, DOT-COM makes available to USAID Missions and Bureaus a wealth of institutional expertise. dot-GOV focuses on telecommunications policy and dot-ORG focuses on increasing access to ICTs.

Education Development Center (EDC) implements the dot-EDU CA in collaboration with the Academy for Educational Development (AED) and other partners to help USAID strengthen education and learning systems by using ICTs.

## The Process

As a pre-competed award, dot-EDU staff, consultants and Resource Partners are available to assist USAID in developing concepts for potential dot-EDU activities. New dot-EDU activities are initiated through a buy-in process, which can be activated by USAID Bureaus and Missions by contacting either the USAID Cognizant Technical Officer for dot-EDU, Stephen Tournas, or dot-EDU Program Director, William Wright.

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<http://www.dot-com-alliance.org> <http://www.dot-edu.org>

