



United Nations  
Educational, Scientific and  
Cultural Organization



International Institute  
for Capacity Building  
in Africa



TEACHHER



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Educational, Scientific and  
Cultural Organization



Permanent Delegation  
of the United States of  
America to UNESCO



## Training of a Master Corps of Educators from African Countries to Inspire Adolescent Girls to Pursue STEAM Careers

[TeachHer 2016-2017](#)

TeachHer, officially launched on June 14, 2016, at UNESCO Headquarters in Paris, aims at creating a master corps of educators equipped to deliver innovative hands-on instruction for adolescent girls, opening doors in an area where women are greatly unrepresented. It is a new public-private partnership initiated by the United States Mission to UNESCO, in collaboration with UNESCO, UNESCO IICBA, other UNESCO Member States, the International Education (IIE), the Forum for African Women Educationalists (FAWE), the Centre for Mathematics, Science and Technology Education in Africa (CEMASTEA), and other leading NGOs and private sector partners such as Microsoft and Fitbit. IICBA is responsible for the technical organization of the Master Teacher Training workshops and brought together the regional partners.

The first TeachHer training workshop took place in Addis Ababa in 2016. The 58 participants included teachers, head teachers, and administrators and ministers of education officials from Ethiopia, Ghana, Kenya, Nigeria, South Africa and Tanzania.

The second TeachHer Regional Training for Africa was organized from July 24-28, 2017 in Nairobi, with the presence of 82 participants from ten African countries: Ethiopia, Ghana, Kenya, Madagascar, Nigeria, Senegal, South Africa, Tanzania, Zambia and Zimbabwe.

## What is TeachHer Training About?

**“What fun STEAM is!”**

- Awareness raising and understanding importance of STEAM education for girls.

- Introduction on Gender Responsive Pedagogy and other concepts;
- Introduction and discussion on ICT use in STEAM for girls;
- Sharing story from successful female scientist and nation practices on girls and STEAM.

**How can we make STEAM more fun and effective for girls?**

**Let us prepare innovative and exciting lessons!**

Group work on making lesson plans:

- Teachers will work on a lesson in their subject matter;
- School administrators/Head teachers will work on how to promote STEAM subjects and promote girls’ participation in STEAM subjects and clubs;
- Ministry officials will prepare plan on how to promote STEAM and girls’ education in their country.

- Demonstration of STEAM teaching & learning materials & ASEI (Activities, Students, Experiments and Improvisation) lesson activities: Use of innovation kits;
- Presentation and discussion of STEAM-based ASEI lessons and plans;

**Let us prepare STEAM teaching and learning materials & lesson plans!**

**Let us learn new ICT tools for educators to integrate in STEAM education and share country action plans!**

- ICT educator tools presented & shared by Microsoft;
- Understanding STEAM education for girls in practice;
- Preparation and discussion on nation plans.

In addition, two school-visits were organized during the workshop this year. Participants discussed about the visits and shared their ideas in group. The workshop used multiple methodologies, approaches and activities to ensure that the participants would be ready to use the tools and methods in class and share the experience with others on their return. As Kenya’s ambassador and permanent representative to UNESCO, Prof. George Imbanga Godia said,

***“Teaching is a continuous learning process and I encourage you to continue learning from each other after workshops such as this one. Become TeachHer ambassadors and strive to share what you have learnt with your students and colleagues in your countries!”***