WORLD COMPUTER EXCHANGE
▸ Technology + Education = Potential

YTD Status Update on Services

last updated: 5 February 2022

Refurbished Computers: Our chapter volunteers in the USA and Puerto Rico gather, refurbish, load content, and pack computers. We are starting refurbishing chapters in African countries where we have Field Associates. When ready, the computers are shipped to partner schools and community organizations in developing countries. These computers have connected 3,6**50** classrooms for 5.**2** million youth in 5**4** countries. With the pandemic requiring distance learning, we have begun to gather tablets and smartphones. Our tech volunteers have also developed software to evaluate computers, wipe the hard drive, and load our latest educational content package. **FY'22 Goal: 1,500 computers YTD Status: Shipped: 882. Others Paid and In Packing: 141. Need marketing in Latin America**

Educational Content: Our volunteer content team gathers, gets permission to load, and formats content and software to load into computers that primary and secondary schools in developing countries can use when the internet is unavailable or too expensive. This service is currently available in English, French, and Spanish – with the assistance of graduate students at the University of Puerto Rico. We are also able to offer reduced packages in other languages. **FY'22 Goal: recruit intern. YTD Status: Now loading version 20 of Ubuntu and of our content pack and below training.**

Inspire Girls Clubs: We are developing clubs to help build confidence in girls that they are good enough to pursue technology-based careers. Our volunteer Inspire Girls team is repackaging elements of this service including motivational videos, training videos, online coaches, student curriculum, professional development course for teachers, and resources in our educational content pack. These youth-led clubs will work in three areas: hardware, software, and creative outreach. We are submitting grant proposals with letters of support from the participating Ministries of Education in Ethiopia, Kenya, Liberia, Sierra Leone, Zambia, and Zimbabwe. We are seeking university and business partners in each country. **FY'22 Goal: secure grant and form 3 clubs. YTD Status: Slowed by shipping but now have Inspire Girls Manager and intern helping with fundraising.**

Coding Bootcamps: Our volunteer coding volunteer team is packaging training software, online coding coaches, student curriculum, professional development course for teachers, award certificates, and resources in our educational content pack. We currently offer this service in Puerto Rico, Ethiopia, Kenya, Liberia, Sierra Leone, Zambia, and Zimbabwe. We have also begun offering multi-country online family coding events in Africa with our strategic ally Family Code Night.   We are exploring starting in Peru and Nepal. **FY'22 Goal: 200 youth, begin post-introduction level. YTD Status: 62 students slowed but going to start in Puerto Rico with help from Coordinator & intern. Great Nigeria experience with 18 Rotary clubs in Nigeria each selected one girl to participate. WCE Field Associates provide programming volunteers, loaner tablets, and internet data bundles.**

Refurbishing Clubs: Our clubs help students learn employable repair skills for computers and tablets. Our volunteer refurbishing team is packaging forms, process, a manual, videos, online coaches, parts, un-refurbished computers, tools, student curriculum, professional development course for teachers, and resources in our educational content pack. These tools will assist our existing clubs in the USA and as we begin new clubs in Puerto Rico, Ethiopia, Kenya, Liberia, Sierra Leone, Zambia, and Zimbabwe. In Puerto Rico we work with the Computer Science Teachers Association. In Kenya we work with iEARN Kenya and the Ministry of Education. **FY'22 Goal: operate 5 clubs. YTD Status:9 clubs operating (Andover MA, Atlanta GA, Cambridge MA, Collegeville PA, Mason OH, Needham MA, New York City NY, Palo Alto CA, Wilmette IL). Next: 1 in Roxbury MA & 1 in Puerto Rico with Coord & intern. Opportunity for raising community foundation funds for each. Training materials and videos developed by intern, club, and volunteer. Moving toward editing.**

Distance Learning: **Above training materials will be adapted for Field Associates & their teams.**