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PROJECT FACT SHEET

SUPPORT FOR STEM SECONDARY EDUCATION

In 2011, in collaboration with the Ministry of Education and Technical Education, USAID supported the establishment of a Science, Technology, Engineering, and Mathematics (STEM) high school for boys (grades 10-12) in Giza, followed by the Maadi STEM high school for girls in 2012. Building on the success of these schools, USAID helped establish 12 additional STEM schools in Alexandria, Assiut, Dakahlia, Gharbia, Ismailia, Kafr El Sheikh, Luxor, Menoufia, Qalyoubia, Qena, Red Sea, and Sharqia governorates. To continue this successful trajectory, USAID continues to support the concept through two activities.

STEM TEACHER EDUCATION AND SCHOOL STRENGTHENING

This activity supports the introduction of pre-service teacher development programs in five selected faculties of education at Egyptian public universities. Future STEM teachers will receive quality preparation for teaching in modern STEM classrooms, thereby providing a continuous supply of well-prepared teachers and raising the quality of teaching and learning at the secondary level STEM schools. Under this activity, USAID continues its support to the Ministry of Education and Technical Education to fully institutionalize the processes necessary to ensure the sustained quality of STEM schools. This includes supporting in-service training for teachers and administrators at the school, district, and governorate levels. To date, three public universities (Ain Shams, Mansoura, and Assiut) were selected to host the pre-service teacher development programs based on criteria jointly set between the Supreme Council of Universities and the project team. Implementing Partner: 21PSTEM; Life of Project: April 2018 – April 2023; Total Estimated Cost: \$24.27 million; Governorates: Nationwide

FABRICATION LABORATORIES FOR STEM SCHOOLS

This activity supports sustained quality STEM education by providing laboratory equipment to STEM schools and offering training in supply maintenance and equipment use. This includes science equipment for use in chemistry, physics, and biology laboratories as well as teacher training on equipment usage. Implementing Partner: Transcentury Services; Life of Project: December 2017 - June 2019; Total Estimated Cost: \$4.47 million; Governorates: Beni Suef, Qena, Qaloubiya, and Sharqia