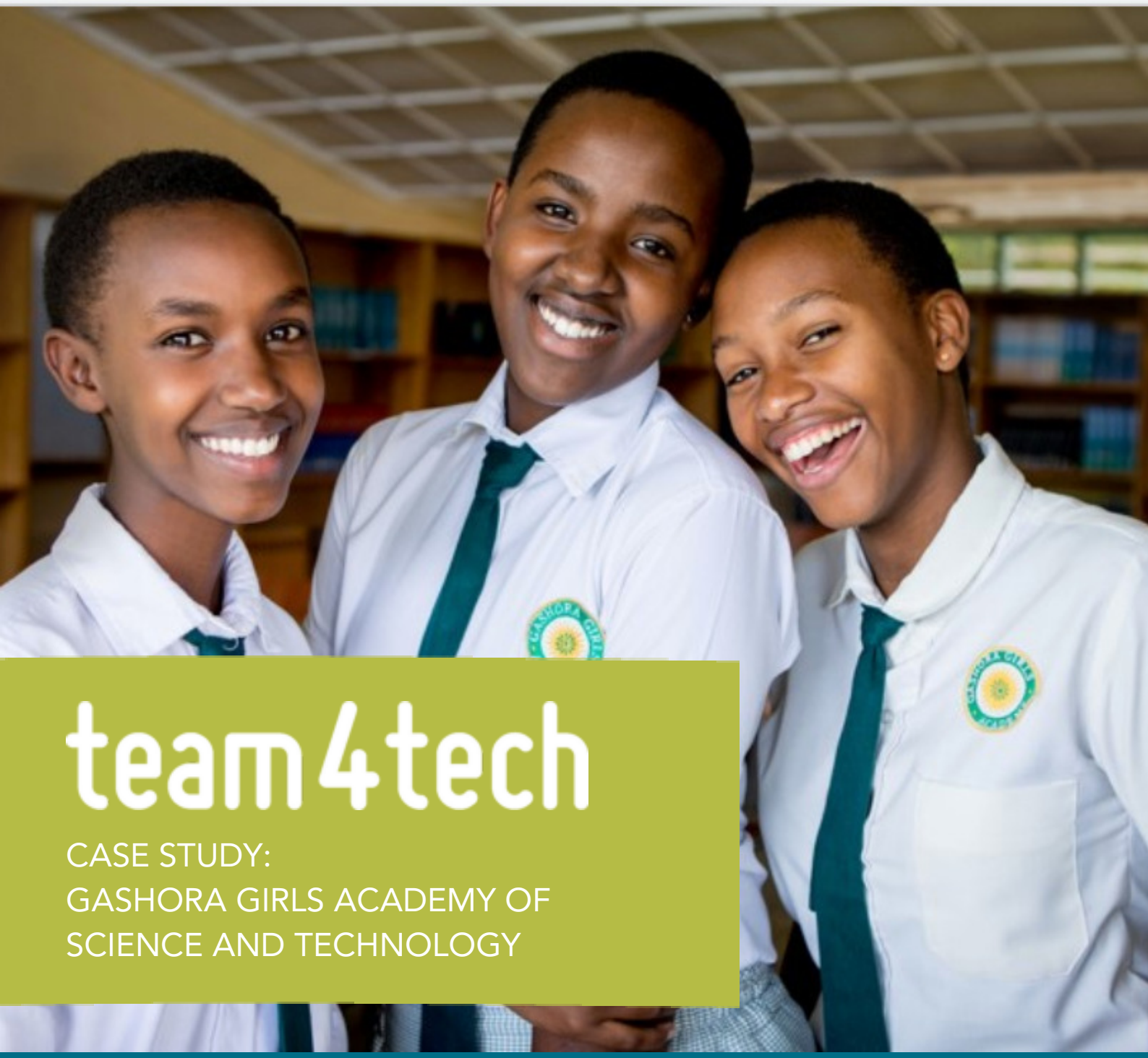

team4tech

CASE STUDY: GASHORA GIRLS ACADEMY OF SCIENCE AND TECHNOLOGY

In Rwanda, 99% of girls go to primary school, but less than 34% attend upper secondary school, and only 8% of high school graduates attend college. Gashora Girls Academy of Science and Technology is committed to creating an innovative model that empowers girls with a high quality STEM education. Gashora is the most socio-economically diverse school in Rwanda, accepting students based on academic potential instead of financial capacity. Team4Tech is empowering school staff to develop technology skills through professional development workshops and to build a technology hub with computer labs.

With technology and training support from Team4Tech, Gashora Girls Academy of Science and Technology has increased engagement and STEM skills for students and built ICT capacity for teachers around Rwanda.

CAPACITY BUILDING

- Team4Tech has provided $650,000+ in technology grants and pro bono consulting to the Gashora Girls Academy of Science and Technology.
- Team4Tech has partnered with Gashora to build out IT a computer lab and trained teachers and administrators in the use of productivity and STEM software to build digital literacy and enhance the STEM curriculum.
- Team4Tech's support has enabled Gashora to work with the Rwandan government to provide ICT professional development to teachers from all over the country.

STUDENT IMPACT

- Team4Tech improved connectivity to enable technology access for more than 300 Gashora students so they are better prepared for college. 100% of Gashora students are passing their National Exams and attend university.
- Team4Tech volunteers workshops and mentorship increased student engagement in STEM and led to a 40% increase of STEM student exhibitions.

STUDENT HIGHLIGHT

Through Gashora's partnership with Team4Tech, Deborah was introduced to new technologies that ignited her passion for technology, philanthropy, and influenced her future aspirations of studying computer engineering at the University of British Columbia.

> "When I'm helping others, this makes me love computer science more. We do community service. We teach kids computer science at the high school who don't have what we have. When a kid comes to you and says, 'thank you I learned something,' I feel the joy of life."
> Deborah Bella Uwase

“Team4Tech opened our eyes to the influence of technology. The workshops proved to us that technology can help solve the world's problems."

THEOPHILE HABIYAMBER, DEPUTY HEAD OF SCHOOL, GASHORA GIRLS ACADEMY OF SCIENCE AND TECHNOLOGY

Team4Tech’s partnership with Gashora Girls Academy of Science and Technology started in 2017 to build a a technology hub including maker spaces and computer labs as well as train teachers and staff on ICT. Volunteer Team4Tech Fellows introduced teachers from Gashora to digital literacy skills. Teachers and staff were trained in the use of productivity software, enabling them to spend more time on teaching. Teachers engaged in workshops on project based learning to support students in developing skills such as creative problem solving, collaboration and critical thinking in their students. As Gashora's teachers' digital skills have grown, Team4Tech workshops have supported teachers in engaging students in developing skills in coding, 3D design, and web presentations. Students are now developing apps and participation in STEM exhibitions has grown 40%.

Team4Tech has also supported Gashora in scaling to ICT skills for education with teachers across Rwanda through professional development workshops in digital literacy and ICT leadership.

About Team4Tech

Team4Tech partners with established, high-performing local nonprofits to advance the quality of education for underserved learners through technology solutions and capacity building. The goal is to build educational engagement and outcomes for learners by empowering them with the skills for better employment and economic opportunities while building teacher and staff capacity to sustainably scale their impact.

www.team4tech.org

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