

empowering people with disabilities through skills development and training. At the end of the semester, students were able to submit proposals for streamlining and extending the activities of CTG based on their exposure to on-site activities and experiences.

These proposals were well received by CTG's founding members and

staff with a clear intent to further collaborate with the students on future projects. Students' reflections on their weekly site visits and experiences were also truly inspiring and highlighted the importance of collaboration and teamwork, as well as their realisation of how, in their future work in the clothing and textile industry, they can contribute to reducing problems surrounding

post-consumer textile waste and promote the pursuit of sustainability in the fashion industry.

Reference

Clothes to Good (CTG), 2022. About us. <https://clothestogood.com/about-us>. Accessed 15 October 2022.

Keep That Gold Shining: Robotics Programme

Matthew Beekman (Third-year Computer Engineering student and KTG Executive Director)

KeeP That Gold Shining (KTG) expanded the Robotics Project to include more than 350 high school learners from various schools across Gauteng. The KTG Robotics Project aims to introduce high school learners in the rural areas of South Africa to information and communications technology (ICT). ICT, and access to ever-growing information in particular, is now more important than ever before.

The COVID-19 pandemic, in conjunction with the country's strict lockdown regulations, further highlighted this. The majority of the schools with which KTG works were forced to close for significant lengths of time throughout the country's lockdown period due to the lack of exposure to online learning platforms and minimal access to computers. These learners were unable to benefit from the use of ICT to continue with distance learning while they were away from school. Furthermore, the lack of exposure to ICT, computing and engineering

in these poorer communities has deprived learners who have brilliant potential of the opportunity to make a significant impact in these industries. KTG strives to close this gap by not only exposing these learners to the endless possibilities in the fields of Engineering, Built Environment and Information Technology (EBIT), but by also introducing them to basic concepts in these industries to ensure that they are not at such a disadvantage when they finish high school and progress through the tertiary education systems.

Keep That Gold Shining (KTG) extended basic coding principles into more than seven schools across the country through the Tangible Africa Tanks and Rangers games. The games pose problems to the learners who are then encouraged to find different solutions using basic coding structures. In particular, the games focus on IF...ELSE statements and various loop structures as well as their integration. KTG, together with

students from the University of Pretoria's Joint Community-Based Project (JCP203) module, travelled to these schools over weekends and public holidays to introduce the learners to the basic coding structures through the Tangible Africa games while also preparing them for the Mandela Day Rangers Competition.

The competition was hosted across the country on 18 July this year in celebration of the South African hero, Nelson Mandela. The schools fared very well in the competition and a spark of interest was evidently ignited in the majority of the competing learners.

KTG plans to further expand this initiative by introducing additional computing and engineering activities to the same schools while also expanding the initiative to the rest of the schools with which KTG continuously engages for various other projects. We cannot wait to see what KTG has to offer for 2023!