

Problem you are solving

We empower young people from disadvantaged African communities to realise their hidden qualities and ability to become change makers within their community.

Enabling factors

We look for sponsor us with money so that we can create a project that will help us help people from disadvantaged communities. We believe that talent can be found anywhere but opportunity is not". Us we bring opportunities to those who have talent.

Outputs you produce

Per year we are able to help around 100 people. Like this year Edzani Rakwambo, Winner of the BYLI Science and Innovation Challenge 2019

The young scientist of the year award was won by 18-year-old Edzani Rakwambo from Gonden. The matric pupil from Tshivhase secondary school emerged as the overall winner of the BYLI science and innovation challenge 2019 for his project titled "The primary sector hydraulics robot".

The young man came up with a brilliant 5 in 1 machine that will save local farmers and constructors a lot of money that is spent on fuels.

He explains that his invention is a truck that performs the duties of various construction and agricultural vehicles including a tractor, skid-steer loader, grader, bull dosser and excavator. Edzani's robot uses only water and air to function, both of which are environmentally friendly and of a lower cost. The young man is the Agri Tech Hero of the 21st century and will be heading to London to present his invention at the London International Youth Science Forum. Edzani explained that he is very excited about going to London and he cannot wait to explore and learn more about inventing products that are going to assist his community.

Activities you perform

We have two Activities that we perform which are the BYLI science and innovation challenge and the Rural schools innovation camp. The BYLI science and innovation challenge is The BYLI Science and Innovation challenge is a science exhibition competition that encourages high school students to identify problems within their communities and find scientific solutions. The goal of the challenge is to foster innovation and encourage young people to think creatively and innovatively in a competitive space. The competition calls out to student doing Mathematics, Physical Science, Life science and other related sciences who are between grades 10-12 and the rural schools innovation camp The rural school innovation camp is a collaborative effort between community development organizations that share into the same strategic objectives for building communities through social initiatives.

With the realization of third world countries and economies face a myriad of challenges and among those challenges, a rather pressing one is the digital divide, which leads to an imbalance in terms of opportunities.

To try to address this, as a collective we saw an opportunity to design a program/project that inspires innovation, problem-solving, and critical thinking to the youth in rural areas through

setting up innovation camps that are driven by STEM (Science, Technology, Engineering, and Mathematics). We were compelled to think of this potential project since we believe and agree with the saying that goes, "talent can be found anywhere but opportunity is not". Project justification is that, STEM education can play a pivotal role in the development of rural economies since the skills that are passed on involve problem solving and the ability to come up with new ideas. It is also believed that by 2020 close to 80% of the jobs will require STEM knowledge or skills as the world and economies adjust into the fourth and possibly fifth industrial revolution.

Assumption or evidence

You can visit our Instagram @ bbyl_sa or Facebook page @ bright young leaders initiative or website <http://www.byli.org/> do find evidence of what I'm talking about.

Ultimate goal

space where young people are exposed to different fields in STEM. The students are offered a critical and core curricular programme but also a extensive practical programme where students are taught to make their curriculum meaningful. we believe that knowledge is powerful but practicality makes one extra ordinary hence we get our students to use the innovative skills they learn through the programme to identify and bring a solution to a social issue in their community.