



SEED E-LEARNING CENTRE

Skills, Education and Entrepreneurship Development Project

PROJECT SUMMARY

The main purpose of this project is to convert a three bed- roomed house at N.U 17 in Mdantsane Township (semi-urban area), Eastern Cape Province, SOUTH AFRICA into an e-Learning (Computer Coding and Cisco courses) skills and telematic centre. The purpose of the Skills, Education & Entrepreneurship Development (SEED) project is to educate, engage, encourage, and promote academic excellence in a relaxed and friendly learning environment. This project will support academic excellence to township and rural learners especially those **without Grade 12** and in this process, pupils and adult learners will show respect for themselves through adopting a healthy lifestyle, others by showing love, kindness and compassion, as each of them will be the guardians of our planet and all living creatures. Each pupil and adult learner will own his/her garden plot that will produce organic vegetables for his/her family.

The first targeted pilot site will be at **House 522 N.U17**, Mdantsane Township, East London, South Africa. The reason for choosing this site is the fact that most of our targeted market (to purchase our products and services) and beneficiaries are closer to this site and will save on transport costs. We are a registered as both a Non Profit Company (2016/ 450596 / 08) and NPO with Department of Social department (193-027) here in SOUTH AFRICA.

VISION

To be a leader in building scalable capacity building initiatives (digital literacy skills and sustainable urban workshops model) to continuously disadvantaged communities

MISSION

To empower, enrich and equip township and rural communities with the proper skills, education & entrepreneurial development (SEED) skills foundation

Fresh Hope e-Learning Centre
House 522 N.U 17 (Next to N.U 17 Clinic)
Mdantsane
East London
(+2743) 760 5035

Safe and Supportive e-Learning Environment Website: www.freshhope.co.za

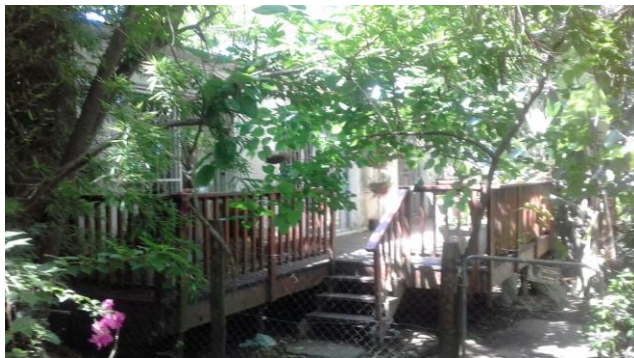
PRINCIPLES AND VALUES

Performance, Imagination and Exposure (PIE)

- **Performance** – We will encourage academic excellence in a foundation phase, so as to approach high school with a proper foundation and confidence
- **Imagination** – We will support pupils and trainees to dream big and believe in their natural talents and strengths ,
- **Exposure** – We will endeavour to educate our pupils / trainees on aspects such as self-sustainable lifestyle. The health benefits of organic living, herbs and plants

CURRENT NEEDS

To purchase a property of __square metres (522 NU 17, Mdantsane Township, East London, SOUTH AFRICA) from a retired school teacher who decided to go stay in the rural community. This property is available on **rent to buy** and it will be ideal for our beneficiaries and clients who are targeted to purchase our products and services. We are busy sending this property funding request to you which we will use for our after-school, weekend and holiday academic and extra-mural activities, training of teachers on Mathematics and digital skills content knowledge, permaculture fruit & vegetables workshops , office and youth skills development training facility.



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PROJECT BACKGROUND

We would like to buy this house and convert it to be our Fresh Hope SEED e-Learning Centre whereby pupils (Grade 4 -12) and community members will come during the day, after school and on weekends to be helped with relevant 4th Industrial Revolution related courses, academic support and vegetables garden planting lessons. This centre (which is within the walking distance for beneficiaries) will provide a high-quality computing (e-learning) education which will equip local **pupils, unemployed youth** and **teachers** to use computational thinking and creativity to understand and change the world. Computing has deep links with **mathematics, science, and design** and **technology**, and provides insights into both natural and artificial systems.

The core aim of this project is academic support (afternoon classes) and **computer science**, in which pupils and adult learners will be taught the key principles of mastering mathematics content, information and computation, how digital systems work, and how to put this knowledge to use through computer programming. Building on this knowledge and understanding, pupils and adult learners will be equipped to use information technology to create programs, systems and a range of content. They will be taught practical skills of growing and selling their vegetables, fruit trees and rural chickens (social entrepreneurship).

Computing skills will also ensure that pupils and community members become digitally literate – able to use, and express themselves and develop their ideas through, information and communication technology – at a level suitable for the future workplace and as active participants in the 4th **Industrial Revolution** world.

VISIONARIES BEHID FRESH HOPE SEED PROJECT

Vuyani Majola, is a qualified engineer with more than 15 years work experience in private, state owned entities and NGO sectors. His home is at N.U 17 Mdantsane and is the co-founder of Fresh Hope. He has deep passion for education, youth development and community capacity building programmes. His role is to mobilize resources and find strategic partners in this vision. He has successfully secured bursaries fro learners coming from poor backgrounds and has planted vegetables and fruit (bananas, peaches and avocado trees) in his back-yard hence he would like to continue with fruit trees and vegetables planting on all illegal dumping sites in Buffalo City Municipality.

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Xola Vonya, also a qualified and experienced engineer with a deep passion and interest in social entrepreneurship especially in promoting Digital Literacy / Coding Skills to disadvantaged communities. He championed our various digital skills projects which have trained more than **12 000** pupils and **adult learners** on our basic computer literacy and coding skills ongoing initiatives. This year (2019), Xola has been short-listed as a finalist in World Skills ‘**Be A Change Maker**’ competition.

PROJECT PARTNERS

Dell Foundation donated cash of **\$5 000.00**, **24 new desktops** and **two projectors** and we have partnered with Siyafunda Community Technology Centre who gave us **10** used laptops that we are currently using to bring access to basic computer literacy skills in rural communities.

Stellenbosch University has agreed to provide their Telematic services to Grade 10 – 12 learners every afternoon from Monday – Friday.

Shamrock Pies (East London Factory) is donating **36** Pies every second week to our Maths, English and Computer Skills Saturday classes pupils

PROJECT AIMS

This project aims to ensure that all pupils and adult learners:

- ✓ can understand and apply the fundamental principles and concepts of sustainability, including permaculture, healthy food and lifestyle choices
- ✓ can understand and apply the fundamental principles and concepts of computer science, including abstraction, logic, algorithms and data representation

- ✓ can analyze problems in computational terms, and have repeated practical experience of writing computer programs in order to solve such problems

- ✓ can evaluate and apply information technology, including new or unfamiliar technologies, analytically to solve problems
- ✓ are responsible, competent, confident and creative users of information and communication technology.

PROJECT TARGETS

The sustainability (affordable relevant ICT courses, selling of study guides and tutorial services) aspect of this project will mainly focus on equipping pupils and adult learners with necessary skills to excel in Mathematics content knowledge and digital skills. The success of this project will be measured by achieving a targeted number of **100** Grade 4 - 12 learners and **100** adult learners without Matric impacted (output) and the difference (outcome) that our intervention has made in their lives. This will be our **year 2020** target.

Our Computer / Digital skills programme will be divided into two **Key Phases**. By the end of each key phase, pupils will be expected to know, apply and understand the matters, skills and processes specified in the relevant programme of study.

Key phase 1 Digital Skills Courses

Pupils and adult learners will be taught to:

- ✓ understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions
- ✓ create and debug simple programs
- ✓ use logical reasoning to predict the behaviour of simple programs

- ✓ use technology purposefully to create, organize, store, manipulate and retrieve digital content
- ✓ Recognize common uses of information technology beyond school
- ✓ use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.

Key phase 2 Digital Skills Courses

Pupils and adult learners will be taught to:

- design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts
- use sequence, selection, and repetition in programs; work with variables and various forms of input and output
- use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs
- understand computer networks including the internet; how they can provide multiple services, such as the World Wide Web; and the opportunities they offer for communication and collaboration
- use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content

- select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analyzing, evaluating and presenting data and information
- use technology safely, respectfully and responsibly; recognize acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.

PROJECT START DATE

Our lease from where we are currently operating is expiring end of July 2019, all our projects are scheduled to resume as soon as we get a possible funder / investor to purchase this property preferably during the **third quarter of 2019**. We will run the pilot for 24 months and in 2021 we will start replicating the model to other parts / areas of Buffalo City Municipality.

PROJECT CONCLUSION

We are looking for a grant / donation of \$ 40 000.00 (Forty Thousand US Dollars) to purchase house 522 N.U 17, Mdantsane, East London, SOUTH AFRICA (to be used as our training facility and safety home) so that we can easily co-ordinate all our after-school support tutoring, urban-farming, various Cisco and Microsoft courses including a 4-week Intensive Basic Computer Coding Training and Advanced 12-36 months Software Engineering Programmes (including a 12 months internship / work related exposure). This property will be used to train unemployed youth (those with and without Grade 12) and upskill unemployed graduates with relevant food security and digital/technology skills.

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The Funding / Donation Manager

Project Proposal and Implementation Plan

Fresh Hope SEED Project is an after-school and digital skills development project that aims at empowering pupils and communities through up-skilling them to recognize and utilize the opportunities that are around them. We do this by providing skills, information and linking them to opportunities that exists around them

We would like to thank Mr Mjo (the owner of the property) for choosing us as the possible buyers of this property (House 522 N.U17, Mdantsane, East London, SOUTH AFRICA) towards educational and urban farming project (**Property Selling Price is \$40 000. 00**). Fresh Hope would like to confirm that we propose that

- We will use the property and land efficiently for sustainable economic benefits
- We will advance the project to the stage where it will create jobs
- We will also apply technologies in which organic / permaculture farming brings
- Departments of Agriculture, Social Development and Department of Education will use our model as a sample to their donor partners, investors or anyone who might assist Fresh Hope operate efficiently

In addition

- We will report on progress where necessary
- We will honour our agreement to ensure that we innovate where necessary
- We will also account for all activities that happens to the property

Fresh Hope SEED Project herewith attaches the implementation plan which we think will add value to the unemployment and computing skills.

Regards

Vuyani Majola

Co -founder / Director

Fresh Hope SEED Project

PROJECT TEAM MEMBERS:

The following are the key persons to contact:

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PROPERTY TO BE BOUGHT AND BE CONVERTED INTO E-LEARNING CENTRE:



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