

EDUCATION FOR SUSTAINABLE FUTURE

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INTRODUCTION

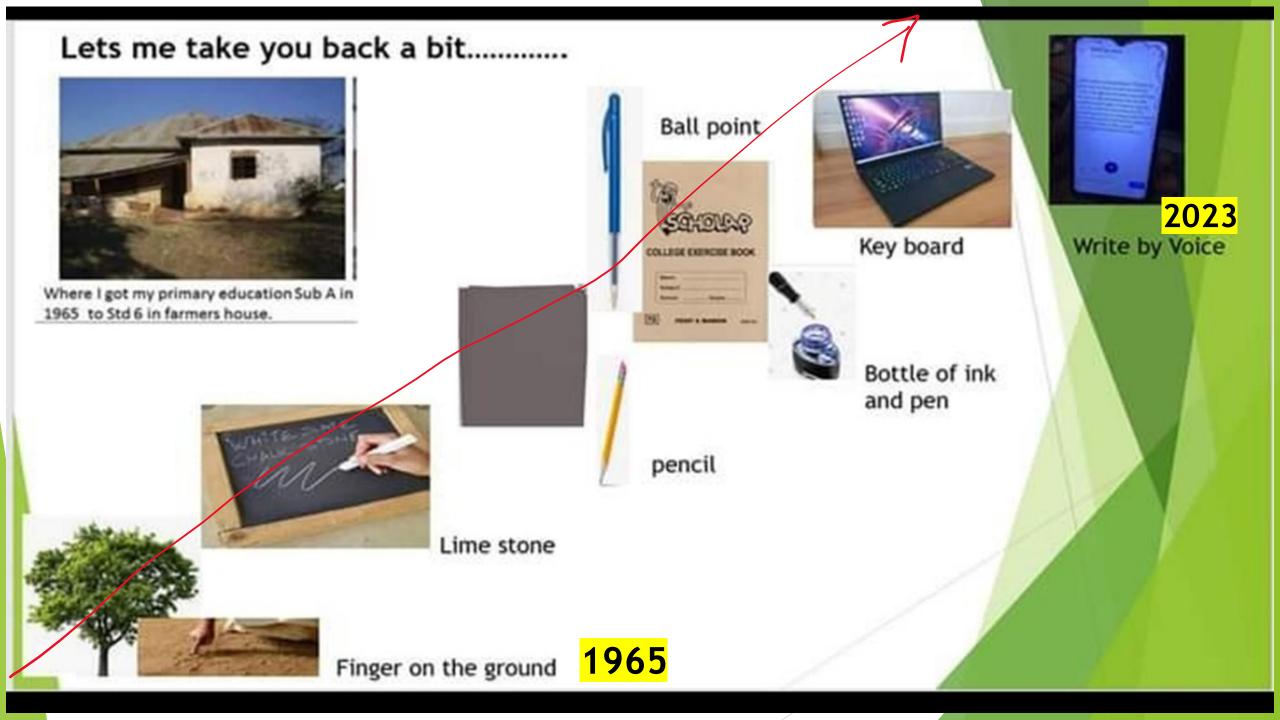
Education needs to be prioritized in this fast moving world of changes in order to sustain and secure the better future

As such educators and all stake holders in education, are urged to ensure that they instill relevant skills to learners during teaching and learning that will meet the requirements and the needs of the society and of the economy so as to have a sustained future

Without education and transformation, there is no future. The more we transform and develop on how things are done, the more the future

Education is the only tools that can sustain the future

To achieve this, team work and collaborative efforts by all the relevant stake holders in education is needed



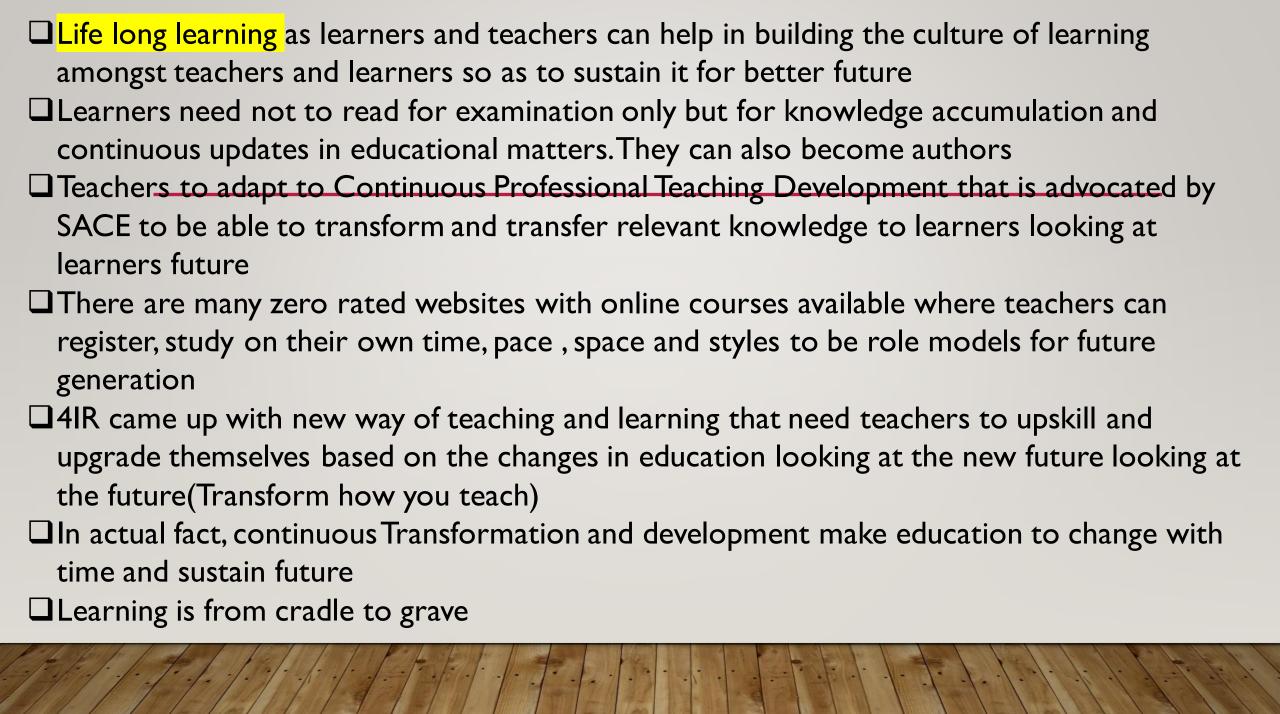
SOME OF THE INITIATIVES THAT CAN SUSTAIN THE FUTURE

Long life learning

(Substitute and Augment))Incorporating Technology tools and applications into teaching and learning

(Redefinition) Approaches in teaching and learning looking at the E3: Education, Entrepreneurship and Employability

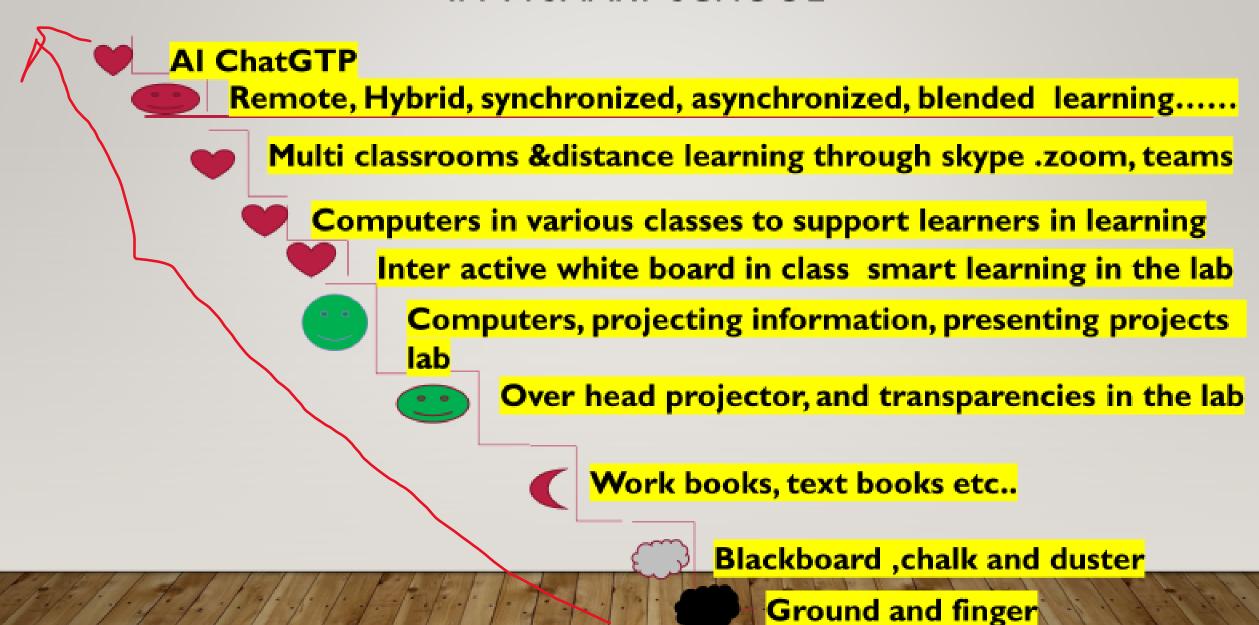
(Modification)Introduction of educational resources that are adaptable



AUTHORING AS ONE OF THE PROJECTS

- To engage learners in on line book writing projects:
 Book creator app etc
- Writing project in itself ensures continuity, resilience,
 consistency and development in sustaining the future
- We conquer by continuing

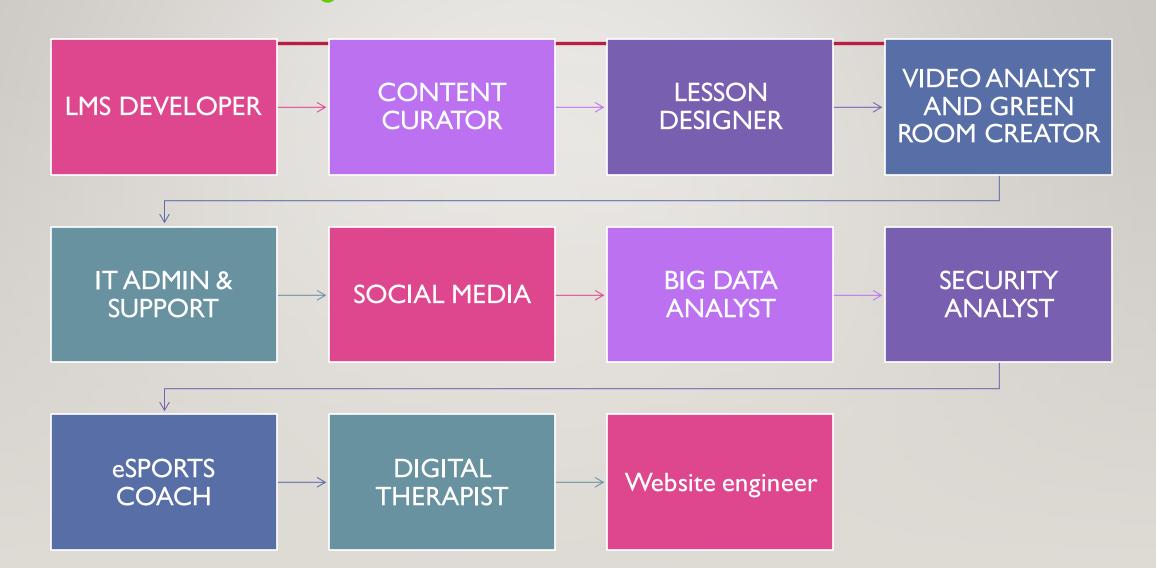
EDUCATOR DEVELOPMENT PATH IN ORDER TO BE A SMART EDUCATOR IN A SMART SCHOOL



Implementation Deep Learners, youth Most of and students the Some teachers teachers are in the deep re learning and upskilling based on TWT LONG LIFE LEARNING (CPTD)

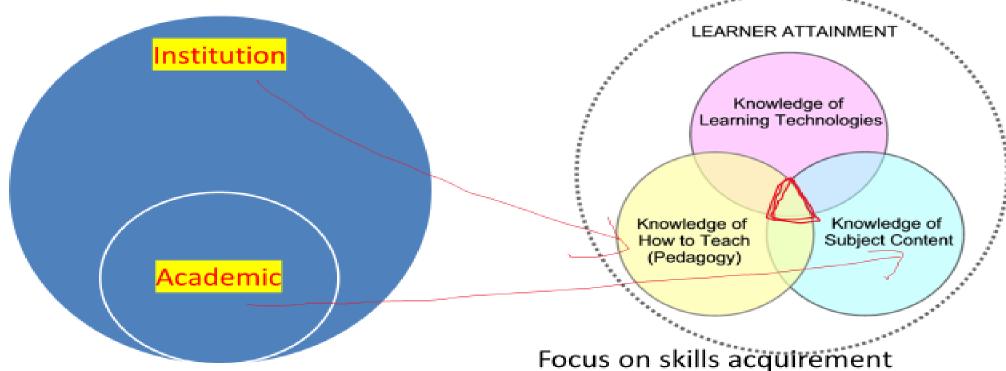
LEARNERS DEVELOPMENT PLAN TO BE SMART LEARNERS **Speaking** Writing E-Sport games Coding Reading Counting **Robotics**

EXPECTATIONS



INCORPORATION OF TECHNOLOGY INTO EDUCATION

Traditional versus modern model

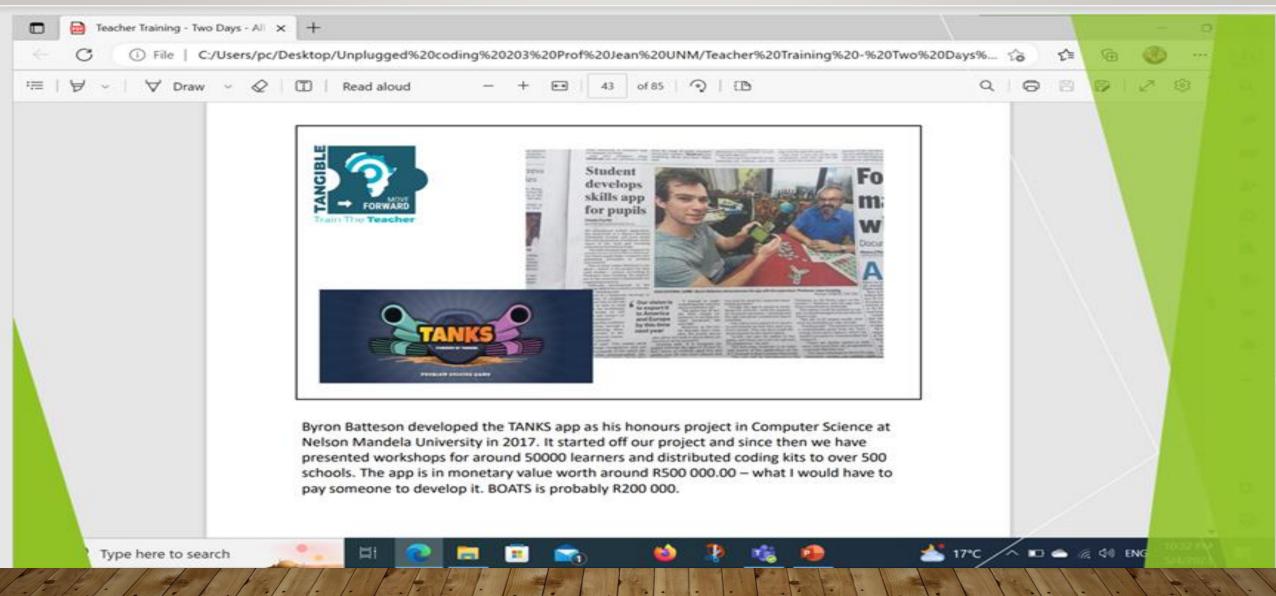


Focus was on academic careers Less no integration between learners and institution Less skills to be acquired Integration of Pedagogy. Content and Knowledge of learning Technology
Academically Gifted and not gifted learners are accommodated. Academic and Vocational careers

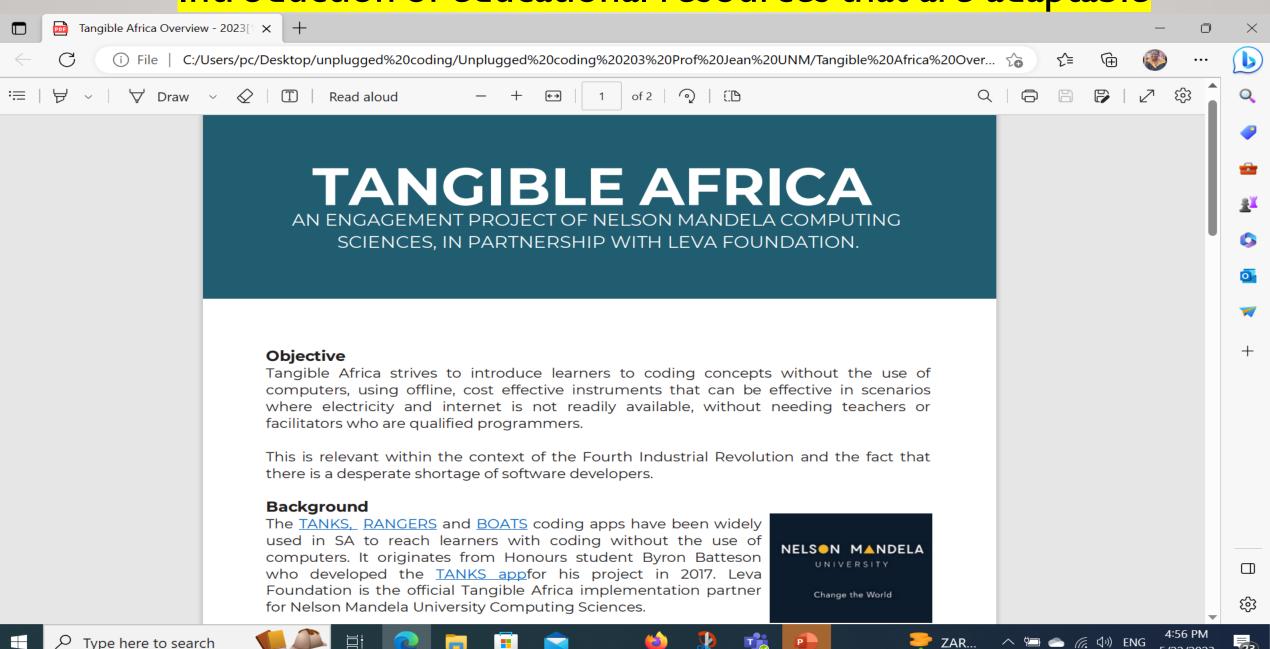
INCREASING EMPLOYABILITY AMONGST YOUTHS THROUGH EDUCATION

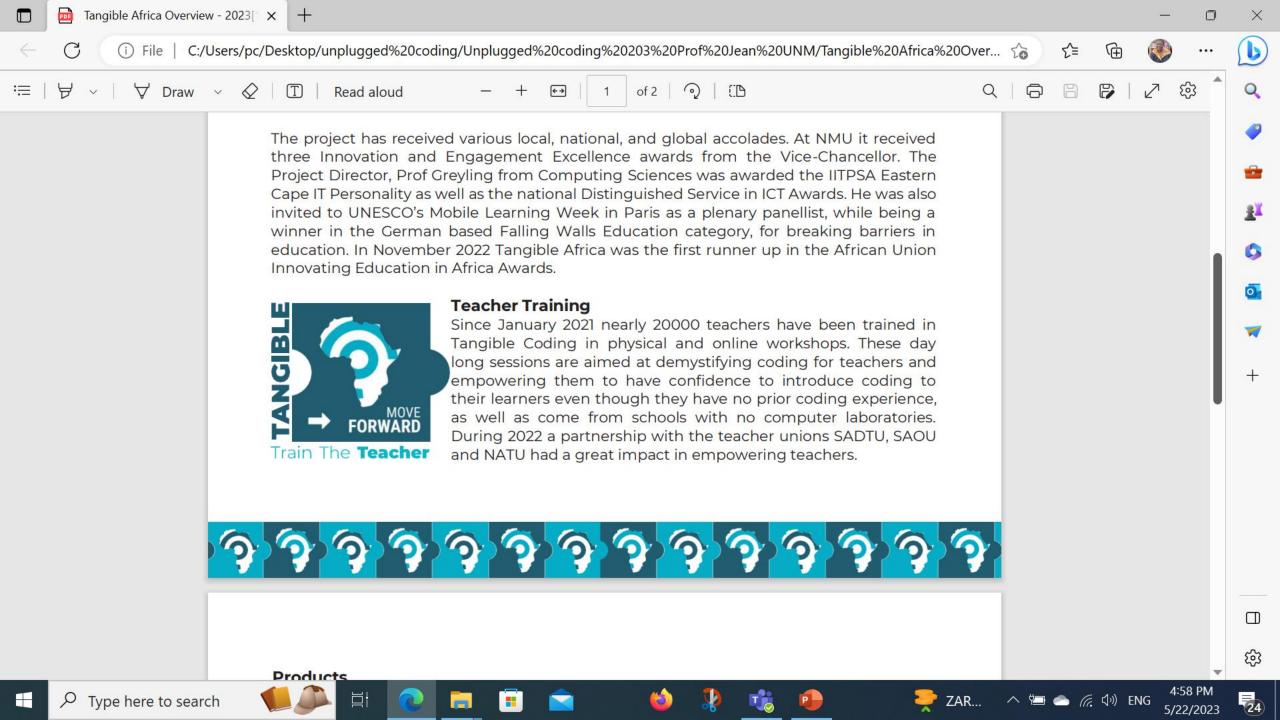
- ☐ Teaching and learning that is based on Projects (PBL) and E3(Education, Entrepreneurship and Employability) bears good fruit
- Students end up acquiring relevant qualifications and educational background to start their own businesses and take part in the job market to sustain their future and other peoples futures
- □ As such new careers and marketed skills are needed for employability in this new job market
- The following is a project that is initiated by a student from Nelson Mandela University by the name of Byron Batteson under the mentorship of Professor Jean Greyling who developed TANKS app for learners, more especially rural school learners where computers don't exist, to learn programming without using computers. (Unplugged communities)
- Its on monetary value. Learners need to be properly taught from the classroom for them to start their own business and employ other in order to sustain their futures. The projects is called Tangible Africa. (where coding is actually tangible not digital)

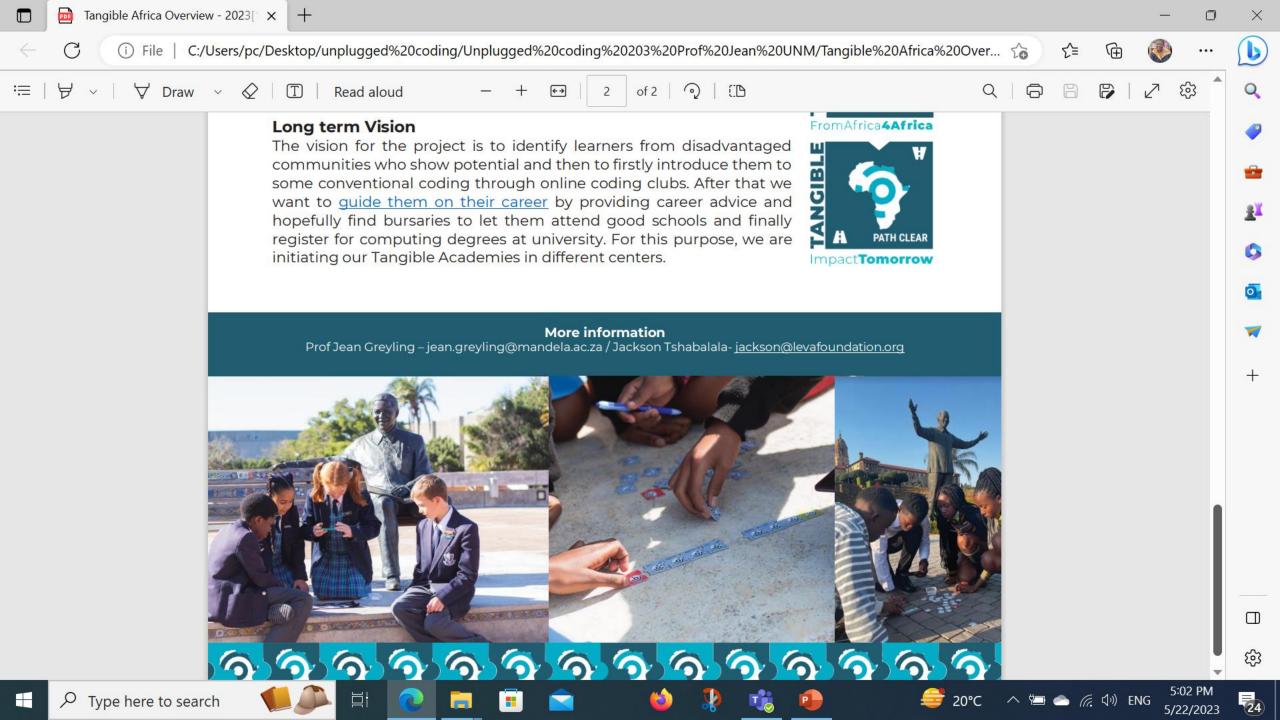
Tangible Africa – Impact Tomorrow (levafoundation.org)



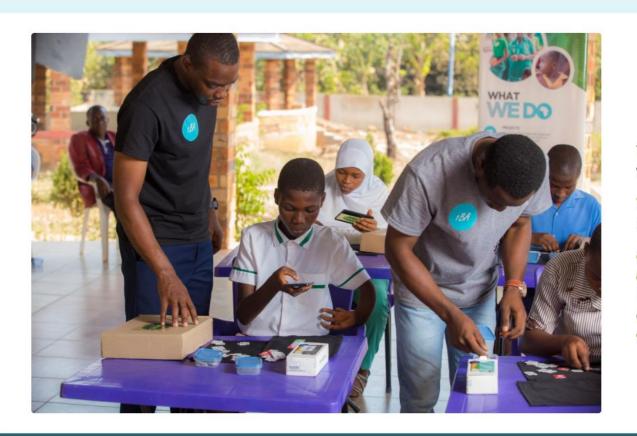
Introduction of educational resources that are adaptable











About Us

Tangible Africa places coding concepts within reach of any child willing to learn.

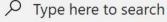
We believe children from "un-plugged" communities could one day plug the global shortage of software developers.

Our solution targets scenarios where computers, internet access or even electricity are inaccessible. It utilizes cost-effective instruments, implemented by teachers or facilitators who aren't qualified programmers. Our product is as simple and fun as a game.

Founding Story

The concept for Tangible originates from the sunny coastal city of Gqeberha, South Africa. A 21 year old student, Byron Batteson, developed the TANKS app for his Honours project in 2017. Prof.



































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IN CONCLUSION

- Education is an investment in oneself that can secure a brighter future
- Education gives people freedom to live, communicate and collaborate with each other and globally
- With the relevant skills instilled in students through education, they can pursue their passions, starting their businesses and achieve their goals.
- Education has the potential to unlock many door opportunities that can enable students to face their future with pride without depending on other people.
- Therefore its very much crucial to prioritize education to secure a brighter sustained future







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