



A CODING & MINDFULNESS PROGRAMME IN RURAL SOUTH AFRICA

AT A GLANCE

THE CHALLENGE

It's in the rural areas where the need truly lies. The kids here are going to have to compete for university bursaries, compete for jobs, and compete for a chance at life. These are the kids that aren't getting limited support right now.

They do not own a phone, yet alone a tablet or computer. Children are disengaged from learning.

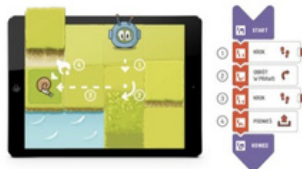
THE BENEFITS

- 21st century skills are developed
- Grades are improved



"Scottie Go! is fun and educational tool, it helps learners develop mathematical competencies. It teaches learners to work as a team it allows students to learn fundamental programming concepts such as: simple and complex commands, parameters: loops, conditional statements and variable functions".

HONEY PHALI
Head Facilitator



BACKGROUND

In 2022, three schools in Khuma, North West province, implemented a mindfulness and coding afterschool programme for selected students in Grade 5-7.

The program caters to 747 learners in three different primary schools in Khuma township, namely, Nkululekweni primary school, Hata butle primary school and Khuma primary school.

Each school has an assigned facilitator from the Breteau Foundation, that implements the program.

THE SOLUTION

A class of 30 is equipped with 10 Scottie Go Coding Kits and 10 tablets. The tablet is loaded with the FREE app, that requires no data to play the coding game.

Scottie Go! Edu coding for kids, features hours of fun and learning by solving challenges and quests that require creativity to allow Scottie to fix his spaceship and return home

BENEFITS

Scottie Go! Is a perfect board game that teaches learners the foundations of computer programming. It helps them improve their analytical, teamwork, collaboration, critical thinking, creativity and logical skills.

Since the implementation of Scottie Go! The educators reported an increase in the learner's math grades. The math's average increased by 36.3%.

Grade	Grade 5	Grade 6	Grade 7	average
Term 1	62.4	41.32	43.62	49.1
Term 2	97.16	78.51	80.53	85.4

"My name is Siyabonga in grade 6, since the Scottie Go program came at our school I can solve problems and pass mathematics with level 7 thanks to Scottie Go" Grade 6 learner