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Sangari SA opens lab at Sci-Bono

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To enrich science teaching, Sangari South Africa has combined the latest methodology in the Sangari Life Sciences Lab at the Sci-Bono Discovery Centre.

The Sangari Life Sciences Lab comprises five components: small-scale science kits, digital science experiment technology, and the Sangari iBox with its comprehensive science content and WLAN-connected tablets.

WLAN is a Wireless Local Area Network that links two or more devices using a wireless distribution method within a limited area such as a home, school, computer laboratory, or office building.

The lab also provides digital teaching resources in the iBox, a complete interactive classroom that enables the teacher to share information and receive feedback from learners in real-time, making learning a 'measurable outcome'.

The comprehensive subject-matter content in the iBox lets the teacher make presentations; show lessons, and experiment videos; demonstrate phenomena using simulations; provide the necessary digital textbooks, and carry out assessments.

Learners are able to make use of tablet PCs, affording them access to the content on the local server, allowing them to work at their own pace and learn through the medium most suited to them.

MD of Sangari SA, Bez Sangari said the Sangari Life Sciences Lab provides an opportunity for learners to carry out experiments in a 'hands-on' fashion, providing a more exciting and memorable experience.

Sangari said through the use of the kits, learners are able to set up experiments quickly, observe experiment results safely and come to scientific conclusions in a practical way.

"While traditional experiment techniques are still valid today, there is a strong move towards the use of digital sensors and data loggers.

"This equipment is now in wide use and the norm

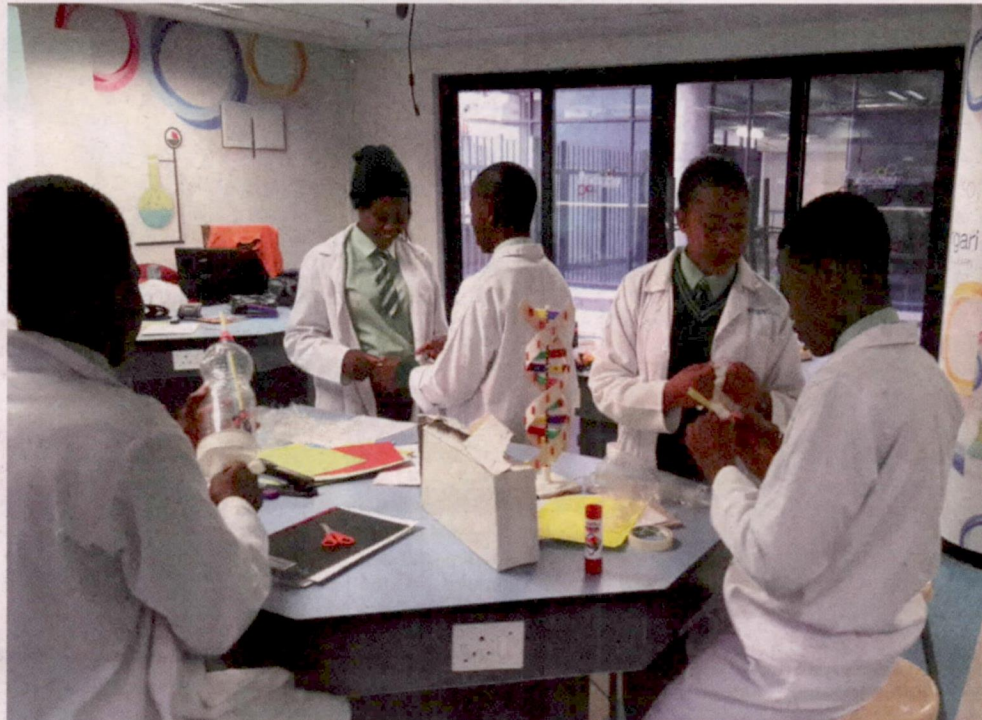
at universities and industry. Our learners have, however, never had the chance to see or experience this technology.

"The lab gives everyone the opportunity to be acquainted with the future," he said.

Chief Operating officer of Sci-Bono, Tebogo Gule said: "Many, if not most children in Gauteng, come from previously disadvantaged communities

with no access to even basic laboratories and equipment, let alone state-of-the-art equipment that will be available at Sci-Bono thanks to this generous donation.

"We will ensure that thousands of learners and teachers have an opportunity to visit the lab at no cost, maximising the benefit and actual contribution by Sangari," said Gule.



Learners working their magic at the Sangari Science Lab in Newtown.



Bez Sangari, Fikile Maphela and Dr Rafia Davids.