

AMIS BK NEWSLETTER



AMIS BK CODING & ROBOTICS BOOTCAMP

The Robotics and Coding workshop was conducted to introduce young learners to the fundamentals of robotics and programming.

The workshop aimed to develop problem-solving skills, creativity, and technological literacy in children through hands-on activities and interactive learning experiences.

Objectives

- To introduce children to the basics of robotics and coding.
- To encourage logical thinking and problem-solving skills.
- To provide hands-on experience with robotic kits and coding platforms.
- To foster creativity and interest in STEM (Science, Technology, Engineering, and Mathematics).

Workshop Details:

- Date: 13 to 16 Jan 2023
- Location: Obz, Cape Town
- Organizers: · [AMIS BK](#) in partnership with [EdTech Global Africa](#)
- Target Audience: Children aged 10 to 18
- Number of Participants: 80

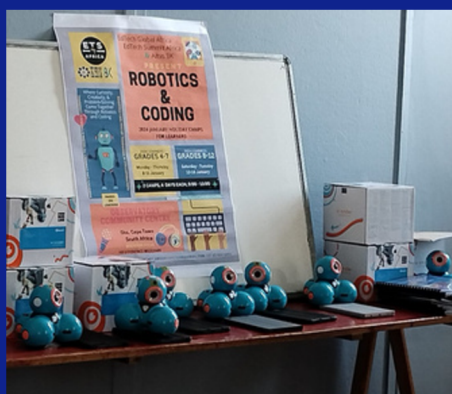


Workshop Activities

- Introduction to Robotics: Overview of robots, their applications, and how they function.
- Basic Coding Concepts: Introduction to block-based coding Scratch and text-based coding
- Hands-on Robotics Session: Assembling and programming simple robots using kits, and hands on robots and drone
- Interactive Challenges: Small group projects where children programmed their robots to complete specific tasks; executing codes to move the robots and drone
- Q&A and Closing Session: Open discussion and feedback from participants.



Creating own stories



Acknowledgments

We extend our gratitude to EdTech Global Africa and all Amisbk volunteers for their contributions in making this workshop a success.

*Read More on our website:
www.amisbk.org*



Outcomes and Impact

- Increased enthusiasm and engagement in STEM-related activities.
- Improved problem-solving and logical reasoning skills among participants.
- Enhanced collaboration and teamwork through group projects.
- Many children expressed interest in pursuing further learning in robotics and coding.

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