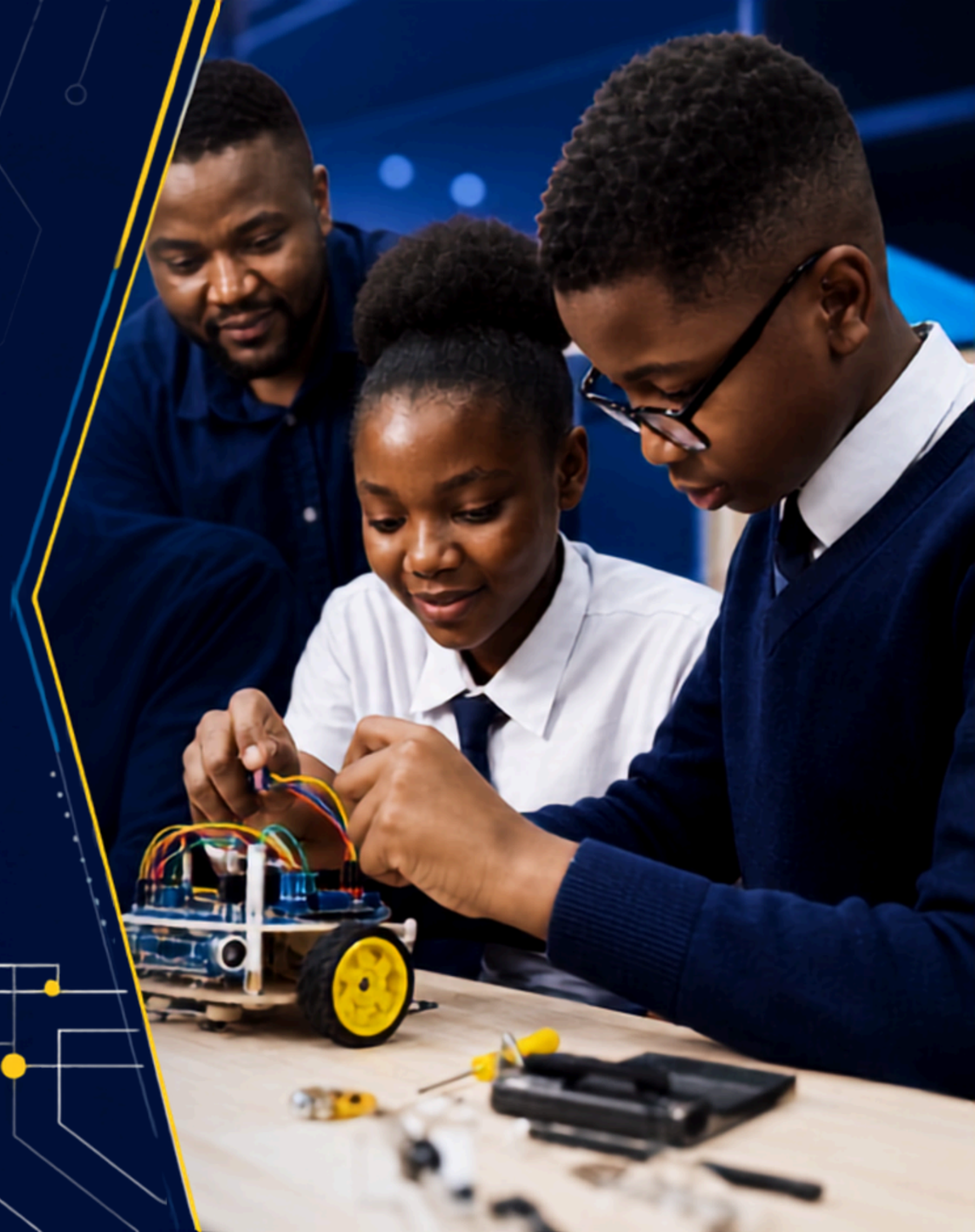
AI ROBOTICS
INNOVATION TECH

PRIMARY + SECONDARY SCHOOLS

BUILD THE SCHOOL STUDENTS WILL NEED TOMORROW.

AI, Robotics and future-skills partnerships designed for practical learning, confident teachers and globally relevant pathways.

School Partnership Deck 2026



THE OPPORTUNITY

Students should not only use technology. They should learn to build it.

Schools now need a structured response to rapid changes in AI, automation and digital work.

CONSUME → CREATE

Move learners from passive technology use to designing, coding and testing solutions.

MAKER MINDSET

THEORY → APPLICATION

Turn STEM concepts into projects with sensors, electronics, robots and real problems.



PROJECT MASTERY

EXPOSURE → PATHWAY

Connect early curiosity to portfolios, advanced learning and recognised certification preparation.

FUTURE READINESS

THE AIR MODEL

One partnership. A complete innovation ecosystem.

AIR combines the people, programme, equipment and implementation support schools need.



One vision. Two age-appropriate journeys.

Progression is designed around learner readiness—not a one-size-fits-all syllabus.

PRIMARY PATHWAY

Curiosity becomes confidence.

- Creative Coding
- Computational Thinking
- Electronics and Simple Circuits
- Beginner Robot Builds
- Teamwork and Presentation

GROW

SECONDARY PATHWAY

Capability becomes direction.

- Python and Physical Computing
- Robotics Engineering and Automation
- AI and Machine-Learning Foundations
- Project Portfolios and Problem-Solving
- Certification Preparation Pathways



SDG-BASED APPROACH

Our classes are aligned with the United Nations Sustainable Development Goals (SDGs).

WHAT LEARNERS BUILD

Practical skills. Real impact. SDG-driven learning.

We use an SDG-based approach that connects every class to a global challenge and empowers learners to build solutions that matter.

4 QUALITY EDUCATION

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

11 SUSTAINABLE CITIES AND COMMUNITIES

13 CLIMATE ACTION

17 PARTNERSHIPS FOR THE GOALS

01 **CODING**
Logic, Python and computational thinking.

02 **ELECTRONICS**
Circuits, sensors, microcontrollers and control.

03 **ROBOTICS**
Mechanical systems, movement and automation.

04 **ARTIFICIAL INTELLIGENCE**
Data, machine-learning concepts and responsible use.

05 **PROBLEM-SOLVING**
Projects connected to real school and community needs.

06 **COMMUNICATION**
Documentation, teamwork, careers and portfoiluo.

We don't just teach skills — we inspire learners to create solutions for a better world.

A journey that compounds—term after term.

Learners progress through a repeatable cycle that builds independence and confidence.



★ **RESULT: learners who can think, make, improve and communicate—not simply repeat.**

From school projects to recognised certification preparation.

For eligible learners, AIR can align selected pathways with certification opportunities from Microsoft and IBM.

CERTIFICATION PREPARATION

Build readiness— not just exam familiarity.

FOUNDATION	Core digital and technical concepts
PRACTICE	Guided exercises and knowledge checks
PORTFOLIO	Projects that demonstrate applied learning
READINESS	Revision, practice and exam orientation

Certification availability, learner eligibility, examination requirements and credential terms are confirmed during programme design. AIR provides preparation; credentials are awarded by the relevant provider.

MICROSOFT

Selected credential pathways

IBM

Selected credential pathways

ROBOTICS LAB SETUP

A lab designed for learning—not display.

AIR plans the environment around what learners need to build, test and demonstrate.

- Needs and space assessment
- Equipment, kits and safe storage
- Learning zones and project workflow
- Curriculum and implementation support

AI ROBOTICS
INNOVATION TECH



TEACHER ENABLEMENT

Teachers become innovation multipliers.

A sustainable programme grows school capability—not dependence on visiting facilitators alone.

CO-DELIVERY
AIR facilitators model practical lessons alongside school staff.

TECHNICAL TRAINING
Teachers build confidence with coding, electronics and robotics tools.

LESSON SUPPORT
Curriculum maps, project guides and assessment structures support delivery.

CONTINUOUS IMPROVEMENT
Reflection and review help the programme mature over time.



A journey that compounds—term after term.

Learners progress through a repeatable cycle that builds independence and confidence.



DISCOVER

Understand the idea and the problem.

BUILD

Assemble a working physical or digital system.

CODE

Create the logic that makes it respond.

APPLY

Test, debug and connect learning to real needs.

PRESENT

Explain the solution and demonstrate mastery.

RESULT: learners who can think, make, improve and communicate—not simply repeat.

FLEXIBLE ENGAGEMENT

Choose the partnership model that fits your school.

Models can stand alone or combine into a phased implementation.

01



IN-SCHOOL PROGRAMME

Curriculum-aligned sessions integrated into the school timetable.

02



AFTER-SCHOOL CLUB

A focused maker community for deeper projects and showcases.

03



HOLIDAY INTENSIVE

Project-based learning delivered in a concentrated format.

04



LAB + CAPACITY BUILDING

Lab setup, curriculum mapping and teacher enablement.

PHASED PILOT AVAILABLE

VALUE FOR THE WHOLE SCHOOL

What your school gains.

A future-skills programme should create value beyond the lesson itself.

LEARNERS	Confidence, practical capability, portfolios and progression.
TEACHERS	Greater capacity to support technology-rich learning.
LEADERSHIP	A structured innovation offer with a pathway to scale.
PARENTS	Visible, meaningful learning connected to future opportunity.
SCHOOL COMMUNITY	Projects, showcases and a stronger culture of problem-solving.



Practical. Africa-rooted. Built to grow with your school.

A school partner should understand both technology and implementation.

01

PRACTICAL BY DESIGN

Learners build, test, debug and present—not merely watch demonstrations.

02

END-TO-END SUPPORT

Training, curriculum, equipment, lab setup and teacher capacity can work together.

03

AGE-APPROPRIATE PROGRESSION

Primary foundations connect to deeper secondary pathways and certification preparation.

04

LOCAL CONTEXT, GLOBAL DIRECTION

Programmes are designed for African learners while developing globally relevant capabilities.

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NEXT STEP

LET'S DESIGN YOUR SCHOOL'S FUTURE-SKILLS PATHWAY.

Begin with a discovery session covering your learners, goals, timetable, existing facilities and preferred implementation model.

Book a school innovation consultation

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BUILDING THE NEXT GENERATION OF TECH INNOVATORS