

EMPOWERING FUTURE GENERATION WITH AI AND ROBOTICS SKILLS

Why AI & Robotics?

In the **Fourth Industrial Revolution**, AI mindset and computer science skills are needed more than ever. AI talents will inevitably become the foundation of a country's AI development and the core power source behind competitions among countries. And now is the time to inspire them.

UBTECH Resources and Benefits:

1. End-to-End AI Robotic Education Solutions (**Build – Program – Play**)
2. UBTECH provides a scaffolding approach based on the A²I (Acquire, Apply and Innovate) Learning Pedagogy to offer a complete curriculum from primary schools to universities.
3. Building an AI Mindset
4. Developing Science and Innovation Literacy
5. Mastering Coding Languages
6. AI Robots as educational tools:
 - a. Improves children's problem-solving skills
 - b. Promotes Teamwork skills
 - c. Exposed to logics behind the programming
 - d. Stirs up passion for STEAM
 - e. Enables focus to all subjects
 - f. Improves children concentration which transcends to other subjects

The **UBTECH line** of UKITs features a set of increasingly complex STEAM and robotics kits designed to introduce students to key, real-world experiences in science, technology, engineering, arts and mathematics with a user-friendly coding, and more.

1. Students throughout Grades 3-12 can use the UKITs in various STEAM lessons that gradually increase in complexity.
2. The UKIT EDU app is available on iOS, Android, and Chrome devices, providing in-depth 3D building guides and more.
3. Each lesson is Next Generation Science Standards (NGSS) NGSS-aligned and features a 5E lesson structure, making the projects highly relevant.
4. The 3D modelling system within the app, as it sounds by its description, is unique and useful for students.
5. Students can program their robotics inventions using either the UKIT EDU app or uCode desktop software.

Resources - AI & Robotics Training equipment/Boxes/Kits:

1. UBTECH ENTRY Kits - By BREDHUB
2. Ukit Edu - By BREDHUB
3. UB Tech Edu - By BREDHUB
4. Jimu - By BREDHUB
5. Chrome - By BREDHUB

Resources - Instructors:

1. UBTECH Trained Instructor Grade II - By BREDHUB
2. UBTECH Trained Instructor Grade III - By BREDHUB
3. BREDHUB Trained Instructor Grade I - By BREDHUB

Resources – Equipment:

1. Tablets For Programming - By BREDHUB
2. Computers For Instructors Programming - By BREDHUB
3. UBTECH Curriculums - By BREDHUB

Training & Assessment:

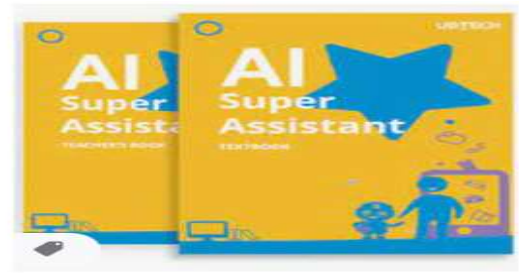
1. Weekly Training per pupil/students - By BREDHUB
2. End of academic term assessments and reports - By BREDHUB

Pictographic:

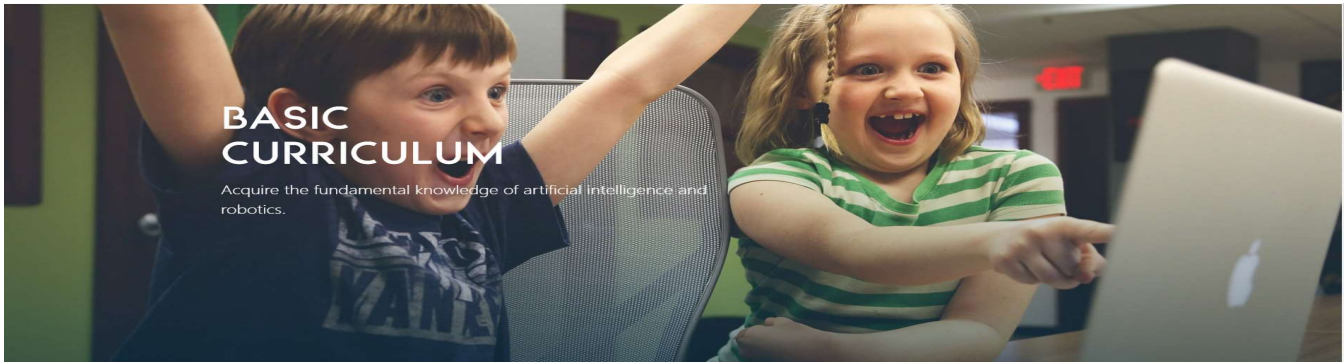
1. Curriculums:



Basic Curriculum
global.ubtechedu.com



UBTECH Alpha Mini Curriculum...
marketplace.ednology.com · In ...



2. Building Robots



3. Programming

