booyaka
EDUCATIONAL ROBOT

Revolutionary tools for STEM education

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LEAPROBOTS

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Welcome to
Booyaka Educational Robot

Booyaka is great for helping students to learn robotics and helpful in teaching essential STEM (science, technology, engineering, and math) concepts. Step by step and systematic building instructions are provided for better practice.

Robot building kits are a great way to get kids interested in robotics and science. The plastic used in these kits is non-toxic and safe for children.This product is suitable for students 4th standard and above
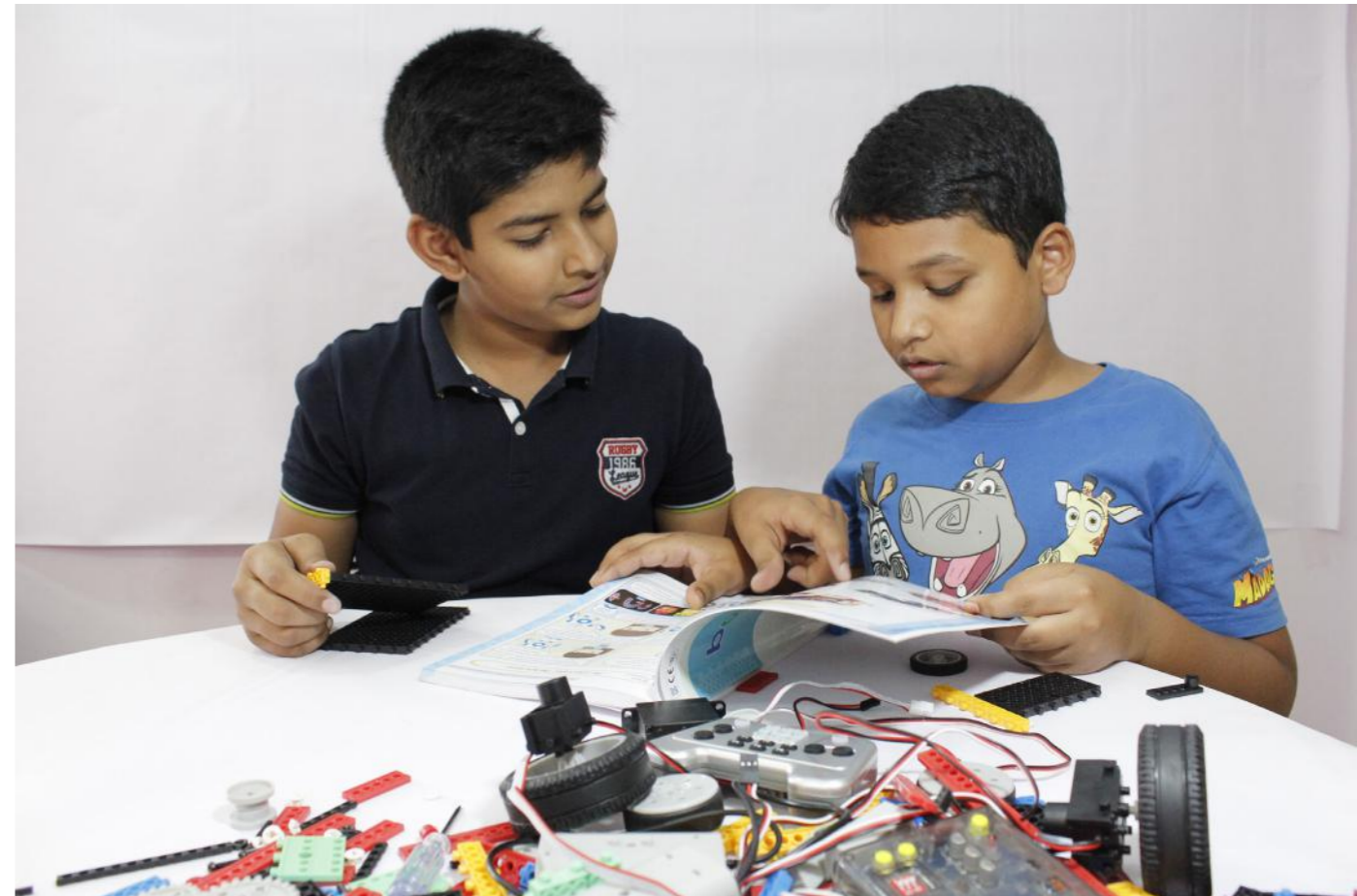
STEM & Booyaka

STEM, an acronym for Science, Technology, Engineering, Mathematics is a Methodology which plays important role in education and iignite students interest to learn science and math concepts and will also make them express their unique talent to explore future Engineering opportunities

Kids are indulge in building robots, which usually requires structured learning path and knowledge on tools. Booyaka helps students to stimulate the imagination and provide required assistance with the learning of STEM concepts through Hands- On which offers a winning experience to encourage a whole range of interactive learning.

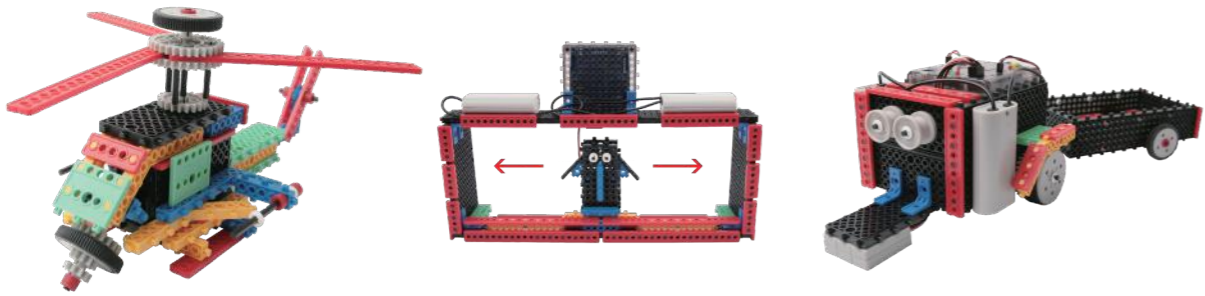**Why Students need Booyaka ?**

1. Analytical and Logical solving skills.
2. Communication skills.
3. Team building skills.
4. Curiosity & intuition.
5. Creative Thinking
6. Enhances self learning skills with steep learning curve

Booyaka Basic Series

Basic level are helping students to understand about Machanical concepts and operating Robots using pre-programmed remote controller.
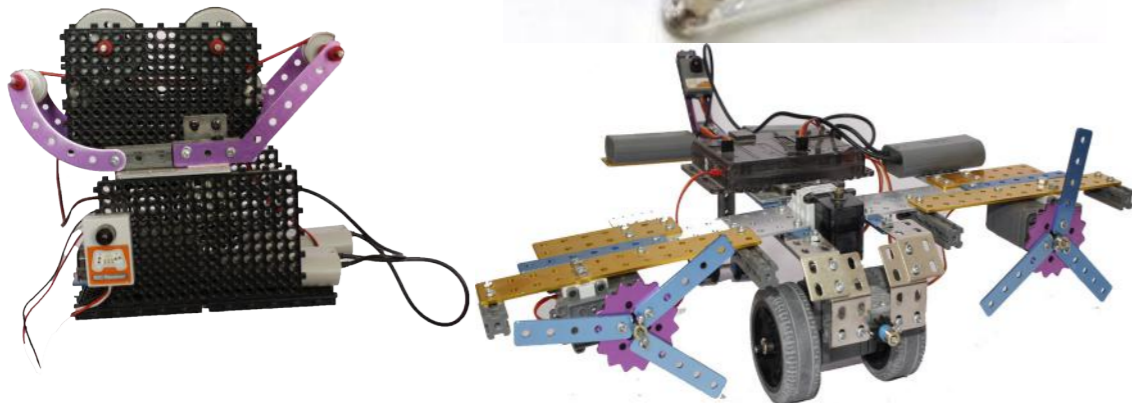
Students can make diffrent models of Robots by using both electronic and mechnaical components. It makes students to start with software programming by end of the basic series.

Booyaka Experiment Series

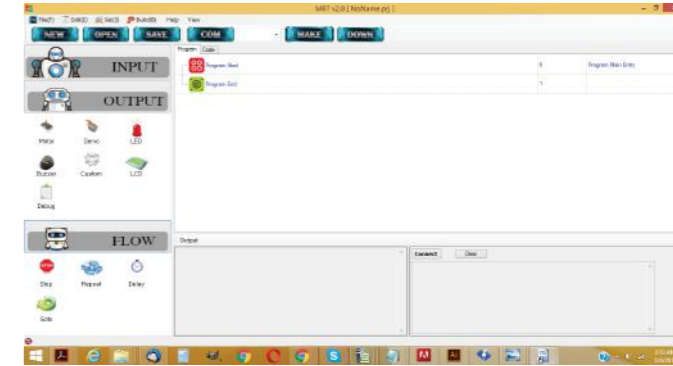Research based modular kit which supports high end robotics applications for 10 and +2 students.

This series powered with Arduino- Uno technology, which is a rapid electronic prototyping platform composed by the Arduino board and the Arduino IDE. Which supports Booyaka Basic and Advanced Series.
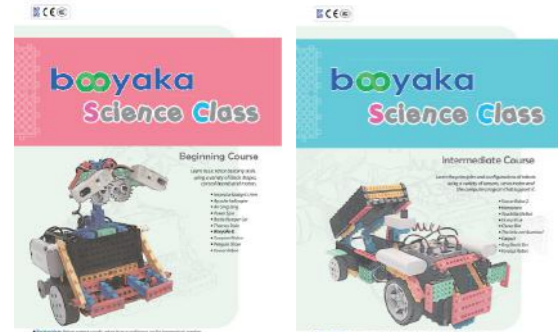

Booyaka Advanced Series

In Booyaka Advanced series, students will learn how to compile GUI programs on software.

In this levels students can make advanced models using Servo Motors and Sensors.

Booyaka | **STEM KIT**

STEM Kit is not just a Robot kit, but also system for classroom teaching.As a solution from classroom teaching, it offers STEM based curicullam and teaching manuals, with which teachers can have effective and Systematic class experience.

Why STEM Trainers need booyaka?

Organized Learning

Amazing Support

STEM Projects

Software GUI

Tutorials

Easy To Learn Software

Affordable Price

Highly Modular

Technical Specifications

☑ 2 chapters(build 10 robots each level)
☑ Nontoxic Plastic Building blocks.
☑ Programmable Robot-Brain
☑ 6V battery case
☑ Geared DC motors
☑ Servo Motor
☑ IR, touch, Cds, Buzzer, LED
☑ IR remote controller. USB downloader
☑ GUI software (compiler)

Software GUI

Training Support

30 sessions curriculam for each level.
Trainer manuals support.
Supports from 4th to 10th Grade.
Assesement support for every session.
GUI and C-based programming support.
RC helps to run 6 programs at a time.
24x7 support .