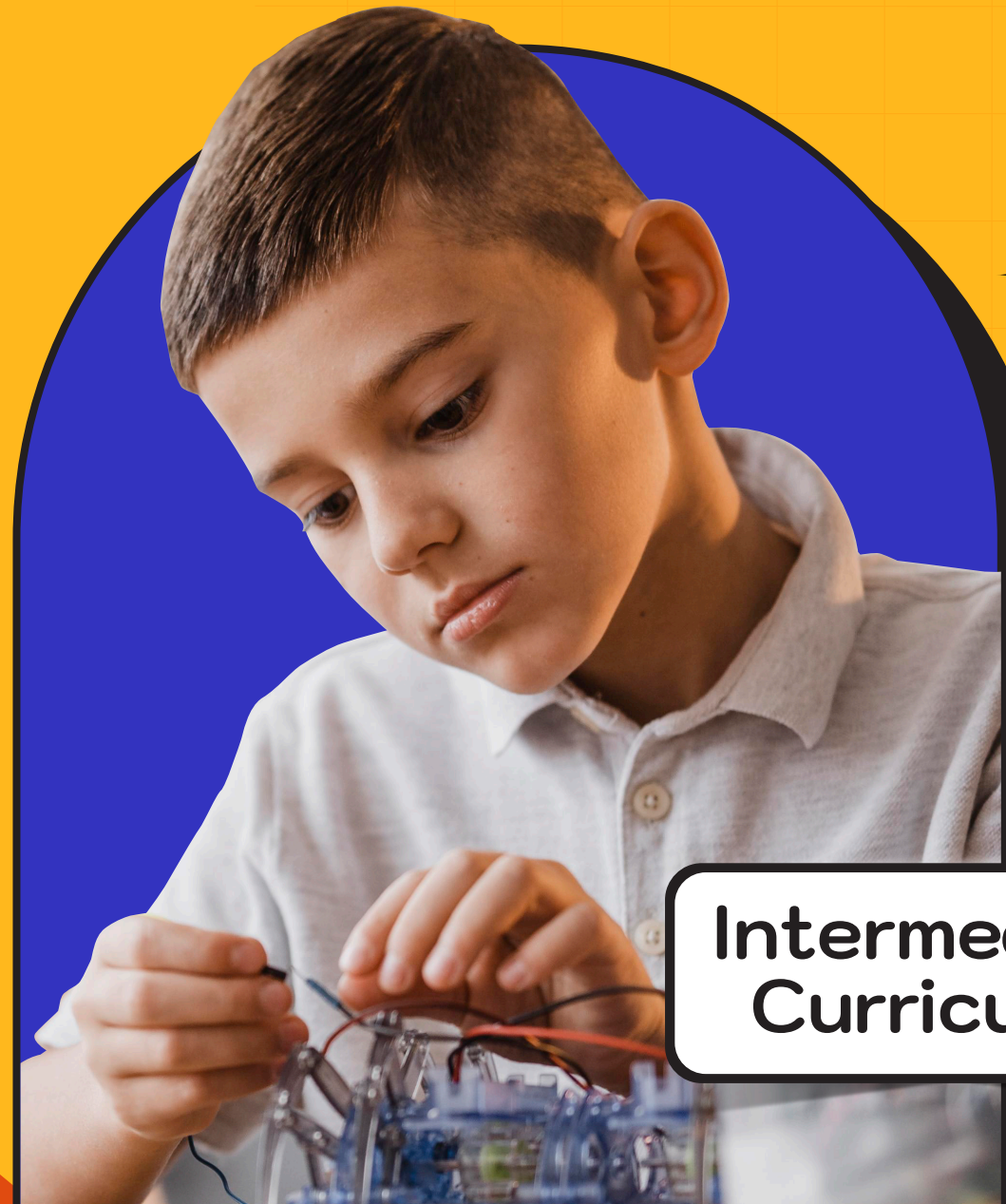


IGNITE the Passion Robotics in Kids

- A Venture By Former Meta & IIM Bangalore Alumni!
- World Class Maker's Lab
- Unique learning aids
- Child-Focused program
- Engaging & Experiential
- Course Completion Certificate



**Intermediate
Curriculum**

What Makes Us Unique?

Yabot is a child-focused program with an emphasis on simple concepts leading to exhilarating experiences for the child when they see their creations take shape!

We will marry easy programming skills with our learning aids to deliver a unique experience for your child, thus igniting the passion for robotics within them.

Benefits Of Yabot



Creativity



Imagination



Critical Thinking



Problem Solving

Intermediate

Objective

Code circuits to sense and control the real world elements.

Schedule

Weekly 45-min duration

Group Size

Typically 6 students

Free

Activities & Practices weekly

Course Duration

6 - 8 Months*

Curriculum

Basics of Sensors and Coding

1. Digital and Analog signals
2. Modules verses circuits
3. Difference between Micro-processors and Micro-controllers
4. Different types of Arduino board
5. Arduino programing basics
6. Different Analog Sensors & their coding
7. Different digital sensors and coding related to it

Curriculum

Real Time Projects

1. Automatic light detection system
2. Traffic light system
3. Security system
4. Automatic door

Python Programing

1. Introduction to Python
2. Comments
3. Variables
4. Data Types
5. User defined functions & Built-in functions
6. Conditions
7. Python list

YABOT



 yabotacademy.com

