Mechanics and Block Programming

Level 1 | 48 Hrs. | Age group : 6yrs. +

Description

It is one of the best courses for kids who love assembling and building mechanical projects. The course involves various Creative mechanical projects that the child can make. Kids learn about the basics of motors, wheels, gears, gear trains, batteries, and basic electrical connections. This course also involves one module on Programmable robots where kids can make different assemblies and models of robots and control them with their logic and program.

Skills you will Develop

- Creativity & Innovation
- Problem Solving
- Team Work
- Conceptual Skills
- Perseverance
- Logical Thinking

Eligibility

- Interest towards Hardware Projects
- Interest toward building and breaking Electronics items

What will you Learn ?

Module 1: Mechanics & Assembly

- 20+ Projects
- Mechanics & Assembly of Robot
- Learn Battery Connections, Motor, Connections
- Learn different models of a Robot
- Learn about Gears, Gear Trains
- Build Programmable Robots

Module 2: Block Programming

- 20+ Projects
- Block Programming to control Robots
- Learn the first step in programming
- Learn the Logics using easy block diagrams
- Make Programs & Games
- Make Interactive Stories & Animations