

Basic Electronic

1. Course Overview

From understanding circuits to hands-on experimentation, students will be equipped with the knowledge and skills to create and innovate with electronic components.

1.1. Course Detail

- Course Title: Basic Electronic
- Age: 11-12 years
- Type: Physical Class
- Room: Inventor Room
- Available Seat: 10 - 12
- Schedule: Sanday 09:30 AM - 11:00 AM
- Class Start: 01st October 2023
- Class Duration: 18 hours / 3 months

1.2. Course Layout

- Prerequisite: None! Just bring your curiosity
- Main Content
 - Major Project: 2 - 3
 - Presentation: 1
 - Lesson: 10

2. Learning Outcome

Student will learn:

- Identify the basic components through building simple circuits using LEDs, coin batteries, mini-motors and other components
- Measure the voltage, current, and resistance in an electrical circuit
- Design and build their own simple electrical circuits

