

# Lesson Plan

Date:

Grade: 6 - 8

Subject: Mathamatics

Lesson Topic: **Logic and Circuits: Introduction to Binary Thinking**

Learning Objective/s:

**Understand the concept of binary and logical operators (AND, OR, NOT)**  
**Apply basic logic to a simple circuit using switches and lights** Activities:  
**Hands-on build: AND/OR logic gate using relay and banana plugs**  
**Worksheet on truth tables**

Cells and Components Needed

**EDU MECHS kit, logic worksheets**

Closure

**Real-world examples of binary logic**