Instructions

Today you will read the following online materials related to electronics education. The material is sectioned into 3 parts: introduction to electronics, introduction to arduino, and instructions for an interactive circuit. You will not be building or interacting with circuits today. Just focus on reading and understanding the provided material. Questions relating to the material will not be answered at this time.

Please read the material in order, and only read the required sections. You will not be timed, but spend about 15 minutes reviewing the material. **For information consistency, please do not click on links within the provided sources.**

Materials

Part 1: Workshop: Introduction to Electronics same workshop available here if link is broken. Read the following sections:

☐ **Introduction**

☐ **Welcome to the world of electrons**

☐ **Activity 1: Completing the circuit**

Part 2: What is Arduino?

Read this whole page.

Part 3.1: Joystick Interactive Circuit Project Part 1

Read the following sections:

☐ **Control an RGB LED with a Joystick** (Heading and summary sentence)

☐ **Things used in this project**

☐ **Story**

Part 3.2: Joystick Interactive Circuit Project Part 2

Read the following section:

☐ **Schematics**