

# **Steps To Learn Electronics**

## **Intro:**

*Hey, guys welcome back to this dead channel.*

*So, in this video, we are going to see the steps to learning electronics. So, let's start the video.*

## **1st Step:**

- **Theoretical knowledge**

→ *Learning the theory of the component, so if I take a particular component there are some important theoretical aspects that you need to know. So, what are those aspects, are:*

- **Name of the Component**

- **Application of the Component**

- Second, you need to learn about why and where we are going to use this component

- **Parts of the Component**

- Different pins and parts that are present inside the component and how they work.

- **Properties of the Component**

- Properties in the sense of how much voltage should be given to that component, how much current should be given to the component all these things constitute the properties of the component.

- **Circuit Symbol of the Component**

→ And finally, you also need to know the circuit symbol of the component.

So, this is step 1.

Now let's move to the next step.

### 2nd Step:

So, the second after understanding the theoretical knowledge is the Simulation of the circuit. The best tool for beginners to run a simulation is Tinker CAD.

### 3rd Step:

So, the third most important step is the process of practically implementing the virtual circuit to test it.

#### **4th Step:**

*The final step which you need to do is to draw the circuit diagram either digitally or physically.*

#### **Summary:**

*Starting from the first we have learned the theoretical knowledge followed by creating a circuit and simulating it digitally then creating it practically and last is to drawing a diagram of it.*

#### **Outro:**

Since you all now have understood the basics tools of electronics like BreadBoard, Battery, etc., and the basics of electronics, in the upcoming videos I have listed some components and, in those videos, I will execute these steps for each component. There are like 300-400 components, so obviously I am not gonna do all of them, maybe in the future, I will plan that with a team. But in the list, I have taken almost all the necessary components which we are going to use to build our robots, so watch out for the next videos then BYE.