

Infodevice Tutorials

An introduction to what you're in for.

Hands-on

- Regular Exercises
- Device modding
- Prototyping

Theory

- Electronics Theory
- Arduino Software
- Arduino Hardware
- Design Patterns
- Prototyping Strategies

Research

- Ohm's / Kirchoff's laws
- Arduino site
 - Tutorials
 - Reference

Research

- Component Types
 - Passives - e.g. resistors, capacitors, diodes
 - Actives - V reg, Microcontrollers

Research

- Component Types
 - Sensors
 - LDR, thermistors, flex sensors, pots.
 - Actuators
 - Motors, solenoids, lights, speakers

Research

- Examples and Sites
 - [instructables.com](https://www.instructables.com)
 - [sparkfun.com](https://www.sparkfun.com)
 - [littlebirdelectronics.com](https://www.littlebirdelectronics.com)
 - mmmore...

Ability Check

- Can you upload video to sharing sites?
- Programming?
- Electronics?