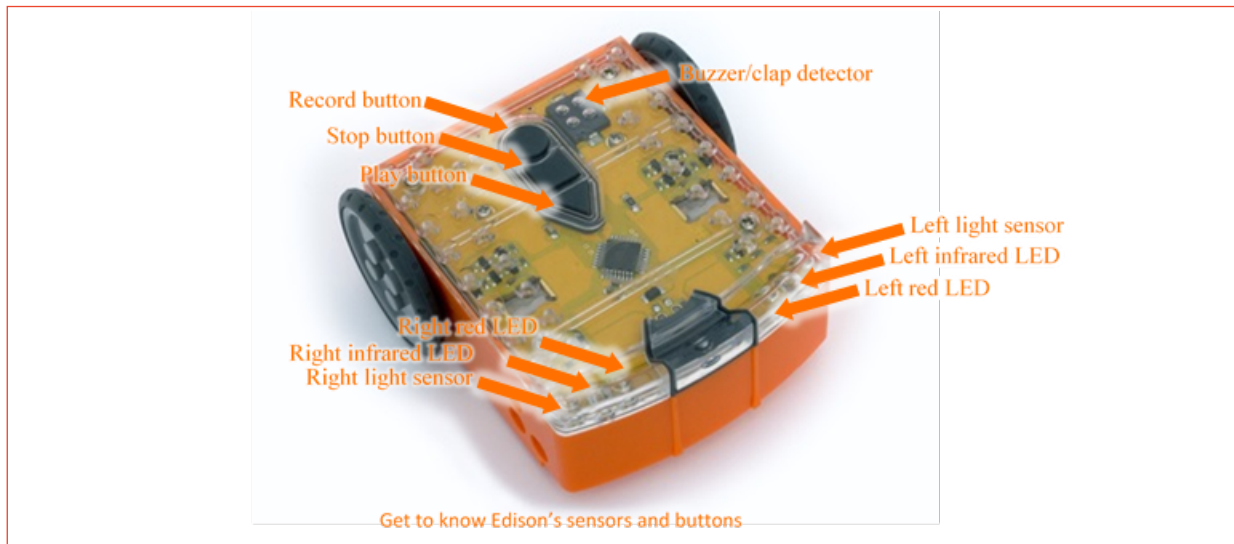**CoderDojo**

1 Edison is a small LEGO compatible and programmable robot. Edison uses sensors and motors to interact with the world. In the images below you can see Edison's sensors, buttons and switches.

Record button
Stop button
Play button
Buzzer/clap detector
Left light sensor
Left infrared LED
Left red LED
Right red LED
Right infrared LED
Right light sensor

Get to know Edison's sensors and buttons

2 There are three buttons on top of the Edison:

Play: Start program
Stop: Press to stop a program
Record: 1 press = download program; 3 presses = read barcode

3 Edison's line tracking sensor is made up of two parts: a red LED light; a light sensor.

The line tracking sensor also reads special barcodes that activate pre-installed programs

Line tracking sensor
Power switch

Edison's power switch and line tracking sensor

EdComm programming cable

4 The EdComm cable is used to download your programs to the Edison. It connects to the headphone socket on your laptop, tablet or Pi.