# EV3 SCHEMATIC DIAGRAM



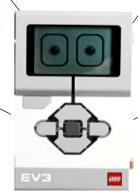
<u>GYRO SENSOR</u>- The gyro sensor controls the rotational motion of our robot when it needs to turn at corners.



LIGHT SENSOR (1)



<u>ULTRASONIC</u>
<u>SENSOR-</u> The ultrasonic sensor can measure the distance from a potential obstacle.



## EV3 BRICK-

Serves as the control center and power station for your robot.



## <u>LIGHT</u> <u>SENSOR (2)</u>-

Recognizes seven different colors and measures light intensity.



### LARGE MOTOR-

Lets you program precise and powerful robotic action.



### **MEDIUM MOTOR-**

Maintains precision, while trading some power for compact size and faster response.