The **NXT** is the brain of the LEGO MINDSTORMS NXT System.
You can control sensors and motors by plugging them into the ports on the NXT, then writing programs and downloading them to the NXT.

**Top View**
Motor ports A-C are located on the top of the NXT brick. There is also a port for the USB data cable.

**Front View**
The front of the NXT brick has an LCD screen, speaker, and four control buttons.

**Bottom View**
Sensor ports 1-4 are located on the bottom of the NXT brick. Any sensor from the set can be attached to these ports.
NXT Buttons

Orange – Power On/Select
Light Gray Arrows – Navigation Left and Right
Dark Gray – Back/Turn Off

Screen Menus

My Files
- Software Files – where your programs will be
- NXT Files – the firmware
- Sound Files

NXT Program
- Information on which port to place sensors and motors

View

- Used to calibrate sensors
- Sound dB
- Sound dBA
- Reflected Light
- Ambient Light
- Light Sensor
- Temperature °C
- Temperature °F
- Rotation
- Motor Rotations
- Motor Degrees
- Touch
- Ultrasonic by inch
- Ultrasonic by cm

Bluetooth

- Enable Bluetooth capabilities

Settings

- Volume
- Sleep
- NXT Version

Try Me Files

- Try-Touch – connect to port 1
- Try-Light – connect to port 3
- Try-Ultrasonic – connect to port 4
- Try-Motor – connect to port B/C
- Try-Sound – connect to port 2