

**Team:**  
**Members:**

**Robot:**

**Team Name:**

**Period:**

**The NXT Brick**

Read pages 5-6 of the NXT 2.0 User Guide to fill in the following table (5 pts):

Name of Sensor / Part	Which NXT port?	Input or Output?	What does it do?

**Each** team member should read **pages 11-12** to understand the NXT Brick Interface and then read **pages 18-19** to make sure that the *View* and *Settings* options are understood. **Each** team member should perform the *View* options below (8 pts)

View Option	Initials			What did it do?
Touch				
Sound dB				
Reflected Light				
Ambient Light				
Ultrasonic inch				
Ultrasonic cm				
Motor Rotations				
Motor Degrees				

**Each** team member should read page 17 to learn about *Try Me* programs. Now **each** team member should complete the following programs. Each student should initial **after** they have had a chance to perform the *Try Me*. These programs are on the NXT Brick under the **Try Me Menu**. For the following, plug the Touch sensor in Port 1, the Sound sensor in Port 2, the Light sensor in Port 3, the Ultrasonic sensor in Port 4, and 2 Servo-Motors in Ports A and B (5 pts)

Try Me	Extra Directions	Initials			What did it do?
Try-Touch	Press the button.				
Try-Ultrasonic	Move the sensor to check the distance to your desk.				
Try-Motor	Turn the orange rotor on the Port A motor.				
Try-Light	Move the sensor over different colors.				
Try-Sound	Make loud and soft sounds and observe the Port B motor.				