

## Sensing Your Surroundings Building Instructions

- 1) Assemble a simple chassis design such as the one illustrated below in Figures 1-19.
- 2) The following sensors should be attached to your robot: two touch sensors (front and back), one light sensor, one sound sensor, one ultrasonic sensor.



[Figure 1](#)



[Figure 2](#)



[Figure 3](#)



[Figure 4](#)



[Figure 5](#)



[Figure 6](#)

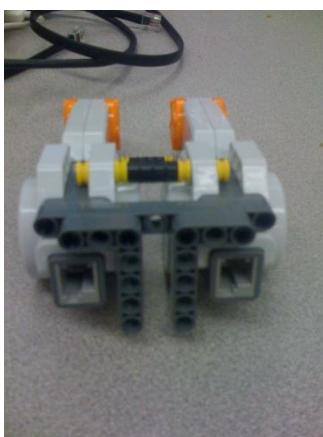


Figure 7

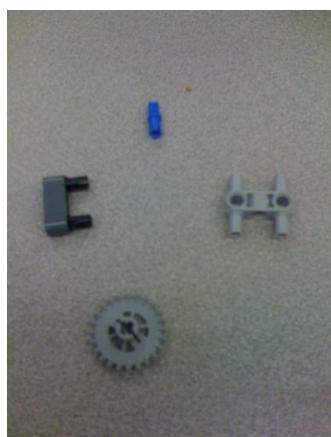


Figure 8



Figure 9



Figure 10



Figure 11



Figure 12



Figure 13



Figure 14



Figure 15



Figure 16



Figure 17

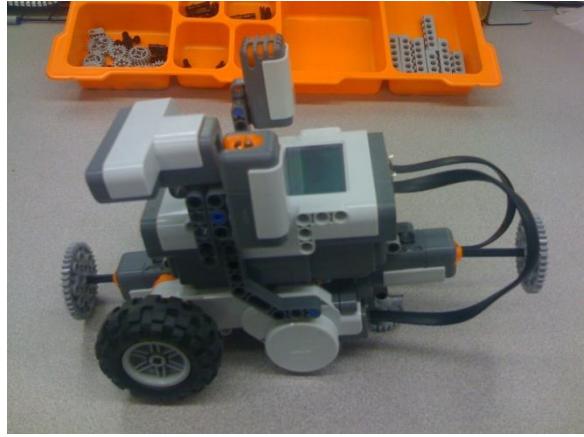


Figure 18

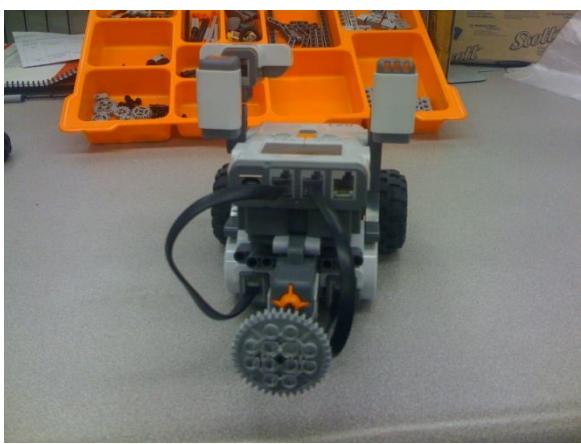


Figure 19