PRE/POST- ASSESSMENT SHEET
HOW DO HUMAN SENSORS WORK?

1. What sensors or senses do we humans have?
   Eyes, Ears, Nose, Skin, Tongue, (other sensors include temperature sensors, sensors detecting body position, balance sensors, blood acidity sensors, …)

2. Describe how any two of the sensors you listed above work.
   Eye – takes in light from the surroundings and relays that to nerve cells that send images to the brain
   Ear – takes in sound waves from air and vibrates, sending the vibrations through inner ear to hair cells that send signals to the brain
   Nose – particles are inhaled into the nose and nerve cells contact particles and send signals to the brain
   Skin- sensors all over skin are activated and send signals to the brain through nervous system
   Tongue- taste buds are made up of small cells that have little hairs that are activated by particles in food. These hairs send signals through nerves to the brain.

3. Give examples of sensors in robots that are similar to human senses.
   Eyes – light sensor, ultrasonic sensor
   Ear – sound sensor
   Skin – touch sensor