Music by Touch Pre-Quiz Answer Key

1. Provide an example “stimulus-sensor-coordinator-effector-response” framework for both your (human) sense of touch and the robotic touch sensor.
   
   For human touch: hot object > touch using finger > nervous system > muscle > move finger back
   
   For LEGO setup: button pressed > touch sensor > cable connecting to Brick > motor > move the motor

2. Explain how the LEGO touch sensor works.

   When the touch sensor button is pressed, it closes a circuit (similar to when you turn on a light switch) and a current is sent to the LEGO brick, which then knows that the touch sensor button was pressed.