**Music by Touch Post-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 activity you performed.**

**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**

1. **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.**

1. **Assume the brick is connected to a touch sensor and a motor. Sketch a simple program to move a motor when a touch sensor is pressed.**

**See next page for solution. 🡻**



