

## **TAP 105- 1: The human battery**

### **Apparatus**

high resistance digital voltmeter

zinc sheet

copper sheet.

### **Instructions**

Place one hand on a copper sheet and the other on a zinc sheet and measure the potential difference between them. Voltages of about 0.7 V can be produced due to the electrochemical reaction between the two dissimilar metals and the moisture of the hand.

Wash hands after touching the plates.

### **External references**

This activity is taken from Resourceful Physics <http://resourcefulphysics.org/>  
The Human Battery