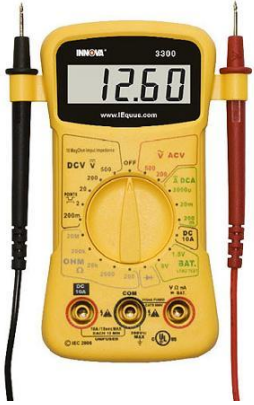


# 2016 Blackfeet Camp Les: 2.0 Meter



- 2.0 Introduction in using a voltmeter
- 2.1 TAKE OUT YELLOW METER –
- 2.2 Write your name on it – take home after class
- 2.3 TURN it ON –
- 2.4 CONNECT LEADS –
- EXPLAIN LEAD Connect—Tips – plug-in
- 2.5 Turn Dial (function) to “DVM” **2V**”
- 2.6 Measurements - Intro
- 2.7 Measure Voltage of metal screw driver
- 2.8 AA 1.5V Battery
- 2.9 9V Battery
- 2.10 Change polarity
- 2.11 Solar cell w/wo light (Demonstration)
- 2.11 Measure spool of wire – coil of metal wire
- 2.12 Swiftly passing magnet over coil

## Materials List

- Yellow Walmart Equus 3300 Digital Multimeter (10) Magnetic Coil
- Camera w PC w overhead projector (10) Solar cell w/wo light
- Computer with Signal Express (software)
- (20) Metal screw driver
- (20) AA 1.5V Battery
- (20) 9V Battery

# Meter

- Voltmeter

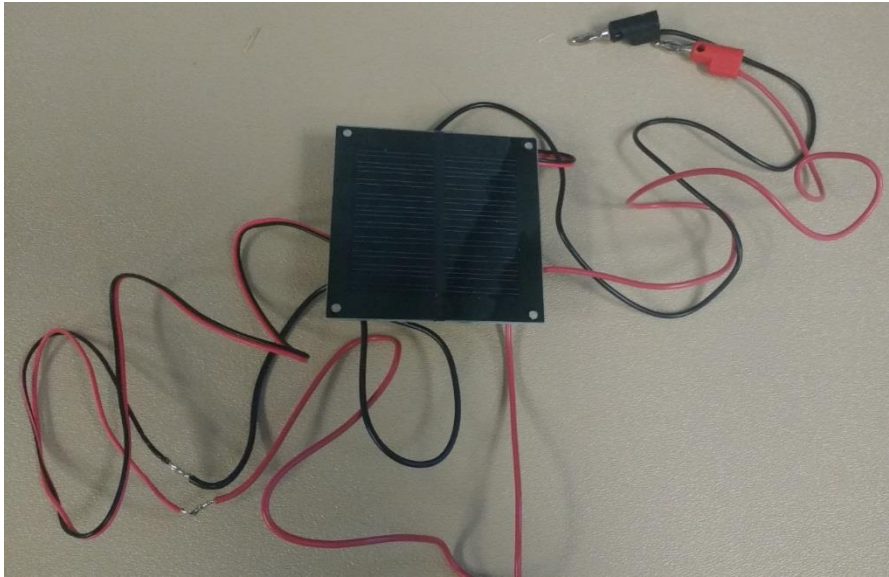


Red - POSITIVE  
Black- Negative

- Batteries



- Solar Cells



# Battery Test



9 Volt Battery



1.5 Volt Battery