

Name _____

Sci# _____

Battery Lab

Material	Voltage	Rank
Water		
Orange		
Grapefruit		
Lemon		
Lime		
Potato		
Lemon Juice		
Orange Juice		
Apple		

- 1) What material produced the highest voltage? How could you tell?
- 2) What material produced the least amount of voltage?
- 3) What would happen to the electrical testing meter if you switched the alligator clips from positive to negative and from negative to positive?
- 4) If fruit and vegetables can produce electricity, why are they not commonly used as batteries? Give as many reasons as you can think of.