

CALIFORNIA STATE SCIENCE FAIR 2013 PROJECT SUMMARY

Name(s)	Project Number
Jun S. Wema	J0617
Project Title Battery That Makes Cents	I
Abstract	
To find out what coin works as the best battery and if size a electricity. Methods/Materials I stacked a penny under a small square 1cm x 1cm soaked in (quarter, dime,or nickel)alternating each one so I have the s stack. I will be using pennies, quarters, dimes, nickels, vinej multimeter(any kind that reads mA and mV.), paper towels, my experimenting. Results The quarters with pennies worked better than the dimes and are made of the same material with same percentage which nickel was made of 75% nickel and 15% copper and product Conclusions/Discussion I said before that I wanted to know if size and material affect does. The dime is smaller in diameter compared to the nicket electricity because it had a high percentage of copper and the proves to me that size and material does affect the amount of the size and material does affect the amount of the size and material does affect the amount of the size and material does affect the amount of the size and material does affect the amount of the nicket size and material does affect the amount of the nicket size and material does affect the amount of the nicket size and material does affect the amount of the nicket size and material does affect the amount of the nicket size and material does affect the amount of the nicket size and material does affect the amount of the nicket size and material does affect the amount of the nicket size and material does affect the amount of the nicket size and material does affect the amount of the nicket size and material does affect the amount of the nicket size and material does affect the amount of the nicket size and material does affect the amount of the nicket size and material does affect the amount of the nicket size and material does affect the amount of the nicket size and material does affect the amount of the nicket size and material does affect the amount of the nicket size and material does affect the nicket size and material does affect the nicket size and material sis size and material size and material siz	nd material affects the amount of produced a vinegar-salt solution and the next coin ame number of coins and paper towel for each gar(any kind, 1/4c), salt(1 tbsp.), a bowl or container, and a pair of scissors for nickels with pennies. The quarters and dimes was 92% copper and 15% nickel while the ed the least amount of electricity. ets the amount of produced electricity and it el but it had a larger amount of produced e nickel had a small amount of copper. This f electricity.
To find out if size and material affects the amount of electri	city the coins will produce.
Help Received Mother helped decorate the display board.	