CALIFORNIA SCIENCE & ENGINEERING FAIR
2018 PROJECT SUMMARY

Name(s)
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Project Number
J1422

Project Title
Fruit Electricity

Abstract

Objectives/Goals
The object of this study was to test and determine the type of fruit that has the most electricity when motionless.

Methods/Materials
Multi meter, apple, pear, lemon, grapefruit, orange, zinc screw, alligator clip wires(red and black), copper coin. Inserted the zinc screw into one end of the fruit and the copper coin into the opposite end. Attached the alligator clips, black to the zinc screw and the red to the copper coin. Connected the clip wires to the multi meter.

Results
The fruits were tested and readings from the multi meter were recorded. Repeated process multiple times with each fruit for more accurate answer.

Conclusions/Discussion
The repeated process with each fruit helped determine that the pear produced the most electric charge/electricity.

Summary Statement
I determined which fruit produced the most electricity while not in motion.

Help Received
My family supported me by helping me conduct my experiment. I received help at school by providing time to complete my research and project display.