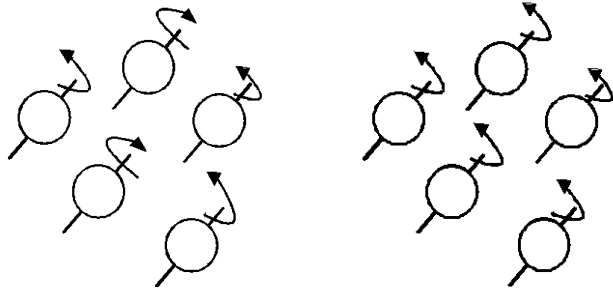


## Electromagnetism

How are electricity and magnetism related?



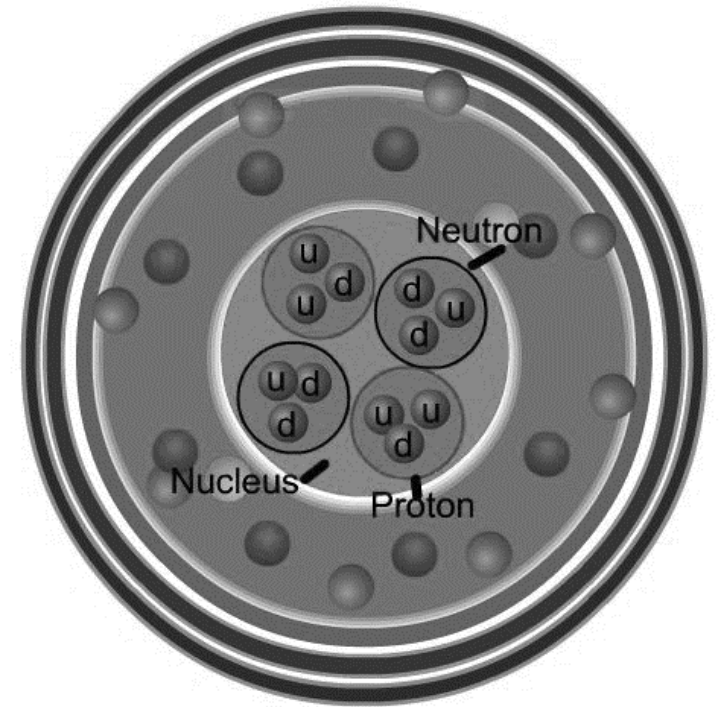
1. Get a steel nail and put it into the iron files. What happens?
2. Rub it on a magnet and put into iron files. What happens?

**Math Science Nucleus manages the Children's Natural History Museum, Tule Ponds at Tyson Lagoon, and the Fremont Earthquakes Exhibit, all in Fremont. Visit our website (<http://msnucleus.org>) for more information.**



# Helping Hands Science

## Electricity Third Grade



Where are the electrons?



### Math Science Nucleus

A non profit organization  
4074 Eggers Drive

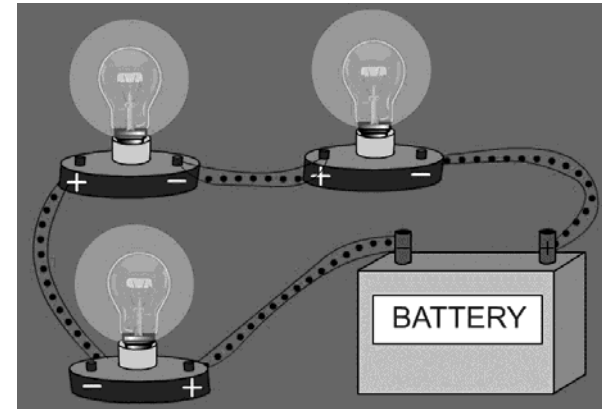
Fremont, CA 94536 (510)-790-6284  
<http://msnucleus.org> [msn@msnucleus.org](mailto:msn@msnucleus.org)

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## Static Electricity

1. Blow up a balloon, without rubbing it try to stick it to the wall. Does it stick?
2. This time rub the balloon on your clothes or hair. Can you make it stick to the wall? Why does this happen?
3. Use the balloon to pick up some confetti or a straw. Can you explain what happens?
4. Rub the balloon and try to light up the fluorescent tube. How does that work?

## Current Electricity—UFO Ball



Electricity flows from \_\_\_\_\_ to \_\_\_\_\_.

Draw:

Series Circuit

Parallel circuit