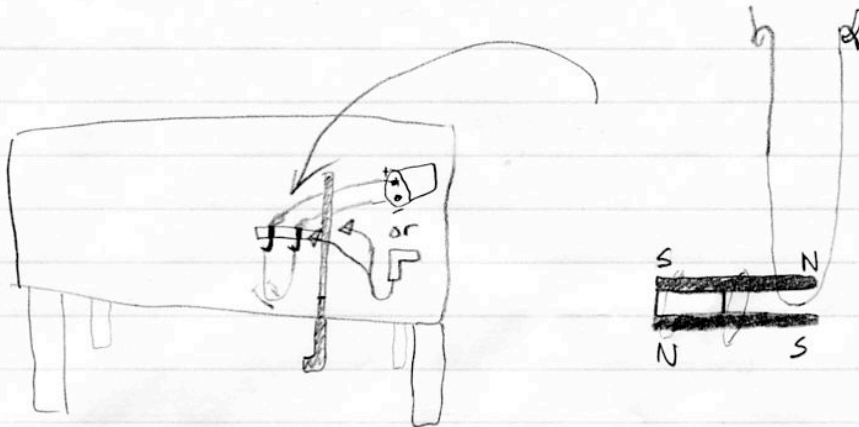


Notes to the Future:

Sachin -Period 1 Phyz

- Remember to include extra space on your wooden board for a spare battery, just in case your other battery dies
- The fixed magnets can be kept in place on the board using the glue from a hot glue gun (Under the eyes of an adult is recommended)
- Use a switch in order to show how the direction that the wire moves changes as the current is reversed
- Also, use a button that can be pushed and will temporarily deflect the wire. This will cause the wire not to be melted. The button is exciting for the other young children, and will also save the wire from extinction
- Remember, if you place a switch, to place extra space on the board (or an additional board) for the switch
- Also, all wires must be taped. This causes them to get out of the way for the exhibit and the little kids will not be attracted to play with the wiring
- Beware, a lot of masking tape is used
- For the fixed magnets, use three on each side (six total).
- Be prepared for another exhibit which will show the same idea: A swing will be made and sandwiched, between two magnets facing Antiparallel. Current is fed through the wire through either a 6V Alkaline lantern battery or Genecon- Here are the specifics for this specific display

Motor Effect



Materials:

- Table Clamp - Back Drawer (Back of Classroom)
- Steel Rod - In tube case next to door of middle room
- Support-type Clamp - that fits on the steel rod to hold objects (Magnetic Kit)
- Wooden Crossbar - Magnetic Kit
 - Hooks (on the crossbar) - they hold swing; in Magnetic Kit
 - Solder wire - bottom drawer OR in magnetic kit
 - Two Magnets (Facing Oppositely) - In magnetic kit
 - Small Wood Block (that creates magnet sandwich) - In magnetic kit
 - 2 green jumper cords - in magnetic box
 - battery (6V) - BUY YOURSELF AT RADIO SHACK

Magnetic Box Group
Electricity Box Group
Drawers