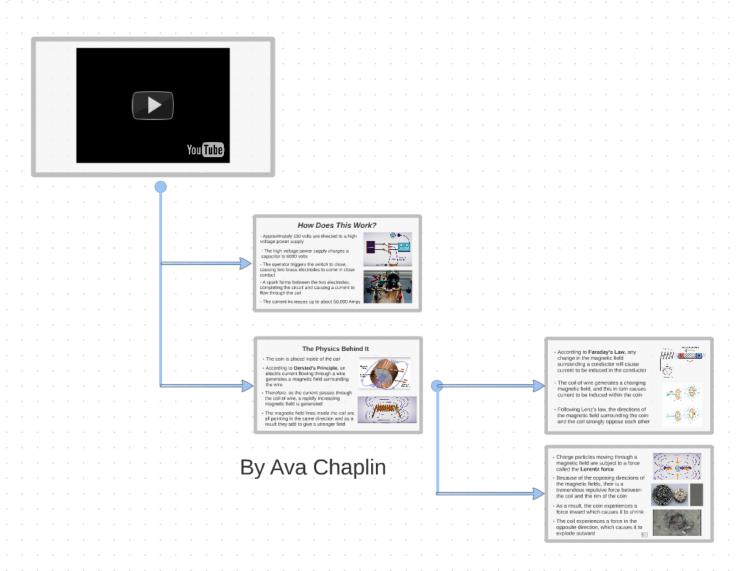
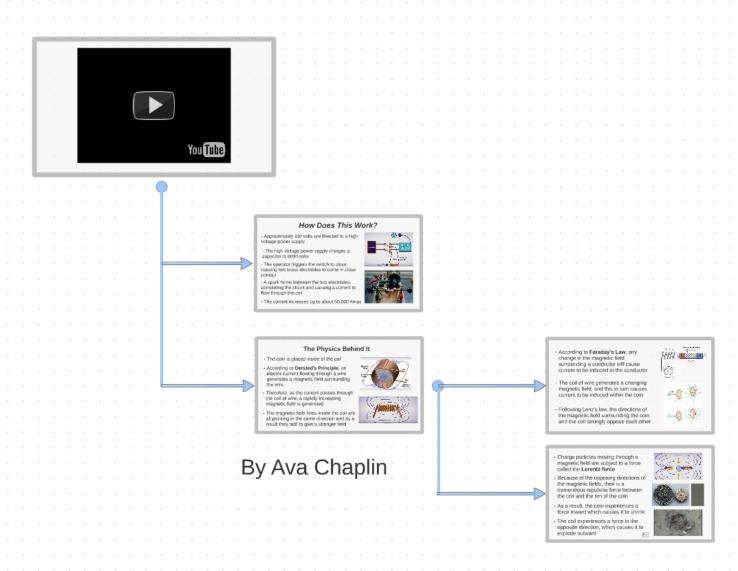
Physics Assignment

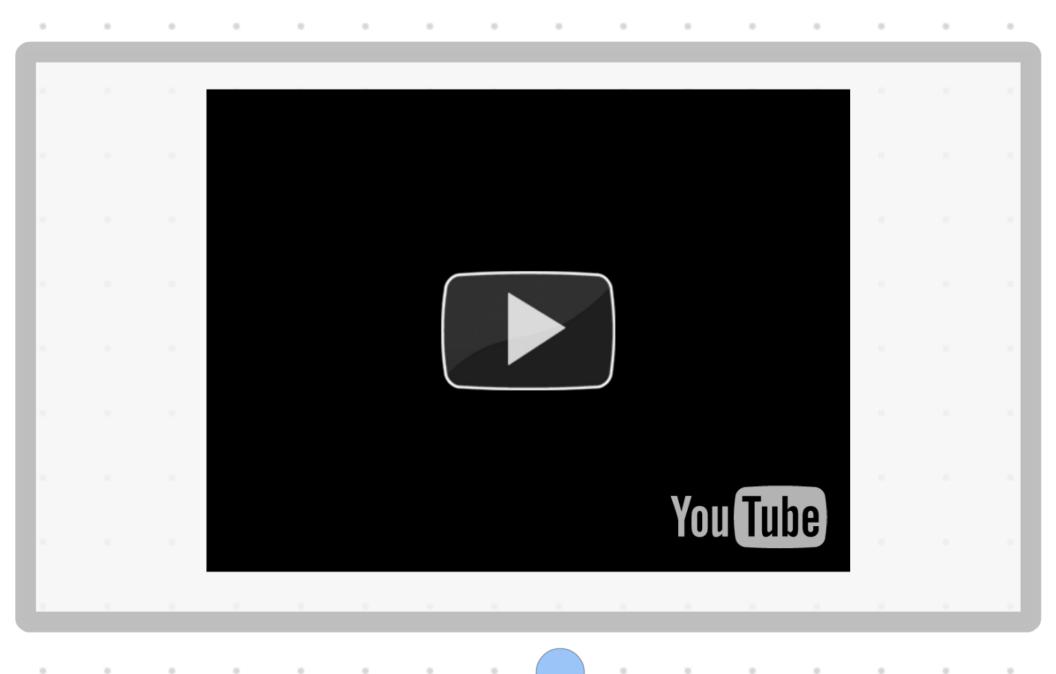
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Physics Assignment

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How Does This Work?

- Approximately 110 volts are directed to a high voltage power supply
- The high voltage power supply charges a capacitor to 8000 volts
- The operator triggers the switch to close, causing two brass electrodes to come in close contact
- A spark forms between the two electrodes, completing the circuit and causing a current to flow through the coil
- The current increases up to about 50,000 Amps

