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## Electricity & Magnetism Unit Vocabulary

### **Electricity**

**Electric Charge:**

**Coulomb:**

**Conductor:**

**Insulator:**

**Static Charge:**

**Induction:**

**Polarization:**

**Electric Force:**

**Electroscope:**

**Electric Field:**

**Electrical Potential Energy:**

**Potential Difference:**

**Battery:**

**Dry Cell:**

**Wet Cell:**

**Current:**

**Direct Current:**

**Electrical Resistance:**

**Ohm ( $\Omega$ ):**

**Resistor:**

**Conductor:**

**Superconductor:**

**Semiconductor:**

**Circuit:**

**Closed Circuit:**

**Open Circuit:**

**Switch:**

**Series Circuit:**

**Parallel Circuit:**

**Electrical Energy:**

**Electrical Power:**

**Watt:**

**kilowatt-hour:**

**Grounding:**

**Short Circuit:**

**Fuse:**

**Circuit Breaker:**

**Magnetism**

**Magnetic Field:**

**Magnetic Pole:**

**Right Hand Rule:**

**Solenoid:**

**Electromagnet:**

**Electron Spin:**

**Magnetic Domain:**

**Electric Motor:**

**Commutator:**

**Armature:**

**Electromagnetic Induction:**

**Faraday's Law:**

**Generator:**

**Alternating Current:**

**Transformer:**

**Step-up Transformer:**

**Step-down Transformer:**