**Guided Notes: Strength of Electrical Forces Answers**Answers:

Big Idea: charge, amount, distance

Key Concepts: interaction, opposite, like, magnitude, distance, decreases, weak, medium, strong, Coulomb

Real World Examples:

1. opposite

2. electric

**Guided Notes: Conductors and Insulators Answers**

Answers:

Big Idea: insulators

Key Concepts: conductors, electrons, resist, Resistance, metals, glass, plastics, wood, rubber, Static, Current, dissolved

Real World Examples:

1. conductors

2. insulator

**Guided Notes: Electrical Energy Properties Answers**

Answers:

Big Idea: voltage, current, resistance

Key Concepts: negatively, Voltage, Current, amperes, resistor, Resistance, I x R

Real World Examples:

1. current

2. resistance, current

**Guided Notes: Electric Circuits Answers**

Answers:

Big Idea: transferred, transformed

Key Concepts: closed, power source, conductors, switch, load, batteries, solar cells, outlets, created, destroyed, light, sound, heat, mechanical, chemical, electrical, kinetic, potential, radiant, thermal, nuclear

Real World Examples:

1. electrical, mechanical

2. Electrical, sound, radiant

**Guided Notes: Strength of Magnetic Forces Answers**

Answers:

Big Idea: intensity, number of turns

Key Concepts: iron, magnetic, intensity, turns, Charge, motion, repulsion, attraction

Example 1: levitate, travel

Example 2: securely, open

**Guided Notes: Electromagnetism in Use Answers**

Answers:

Big Idea: electromagnets, motors

Key Concepts: magnetic, magnetic, battery, magnet, electrical, motors, electret

Example 1: accurately, hard drive

Example 2: locked, open