**Conductors, Insulators, Conduction, Induction and Polarization.**

**Conductors: are materials that allow the free flow of electrons (or electricity).**

**Example: any metal**

**Insulators: are materials that do not allow the free flow of electrons (or electricity).**

**Example: rubber**

**Conduction: is the transfer of charge due to direct contact of an electron and an object that holds a charge or a power source.**

**Example: a car battery used to start a car.**

**Induction: is the transfer of charge without contact.**

**Example: a cloud creating lightning that goes to the ground.**

**Polarization: is the rearrangement of charge within an object due to the presence of a charged object.**

**Example:**

