**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:**

