7th Grade Forces and Rock Cycle Test Review

Static Electricity Build-up of negative charge

- Generate Static Electricity Rub two objects together and the electrons get transferred
- Make a stronger force
    - Decrease the distance between the objects
    - Rub more to transfer more electrons
- Discharging release of the electrons: typically works with conductors like metals

Magnetism Force of attraction from different magnetic poles, only works in some materials

- Effect of distance The greater the distance the weaker the force
- Opposites poles attract and similar poles repel
- Direction of field The magnetic field is away from the North and towards the South
- Magnetic Field for two opposites

- Magnetic Field for two similar

Gravity Force of attraction between two objects

- Mass vs Weight mass is measure of matter & never changes, Weight is measure of pull of gravity and can change
- Scales tools that measure either mass or weight: mass is g or kg and weight is N or lbs
- Effect of mass on gravity as mass increases the force of gravity increases
- Effect of Distance on gravity as distance increases the force of gravity decreases greatly

Rock Cycle

- The three classes of rock Sedimentary, Metamorphic, and Igneous
- How to change from one class to another melting/cooling, Heat and Pressure, Weathering/Erosion/Deposition/Cementation

Vocab Weight, Gravity, on list 2 down to Erosion & Metamorphic, Sedimentary, Igneous