Taylor Earl

9/4/14

Geology

* **Assignment 2 due next tuesday**
* Pot holes are created by physical weathering- ice wedging
* Superposition
  + Each layer of rock tells a story from the past
  + The oldest layer is on the bottom, the youngest on the top
* Cross cutting relations
  + if a rock layer cuts across a layer its younger
* Inclusions
  + If one rock is included in another rock, the one inside is younger
* Unconformity
  + A surface of erosion that separates older rocks from younger rocks
* Fossil
  + If you can find a fossil in a rock, you can use that to determine the age of a rock
* Geologic forces
  + Push together, compression
  + Pull apart, extension
  + Twisting or Sheering
* Stress
  + Force/area = stress
* Rock Strength
  + The amount of stress a rock can take before it breaks
  + Fracturing weakens a rock. Its going to break along the fracture