

## 8<sup>th</sup> Grade Physical Science

Oct. 28, 2009 Notes

### **Chemical Change (addition)**

- another clue of a chemical change
  - temperature change when 2 substances interact
    - endothermic = heat entering – feels cool
      - examples:
        - when calcium chloride is mixed with water a coolness is felt
        - chemical ice packs contains ammonium nitrate and water
    - exothermic = heat exiting – feels hot
      - example
        - when potassium chloride is mixed with water a warmth is felt – this is how a soldier warms their food in a MRE (meal ready to eat)