Physical Science

Assignment Sheet Chapter 17 & 19

I. Screencast Chapter 17 – Chemical Reactions
   Due Fri 2/8

II. Reading Assignment #1
   a. Read Section 17-1: Matter & Its Changes (pages 536-541)
   b. Read Section 17-2: Describing Chemical Reactions (544-551)
   c. Read Section 17-3: Controlling Chemical Reactions (552-557)
   Due Fri 2/8

III. Vocabulary
   a. Sections 17-1, 17-2 & 17-3
      1. Chemical Reaction
      2. Precipitate
      3. Chemical Equation
      4. Symbol
      5. Chemical Formula
      6. Subscript
      7. reactants
      8. products
      9. Conservation of Mass
     10. Coefficient
     11. decomposition
     12. replacement reaction
     13. exothermic
     14. Activation Energy
     15. endothermic
     16. concentration
     17. catalyst
     18. enzyme
     19. inhibitor
   Due Fri 2/8

IV. Greek & Latin worksheet 1-50
   Due Wed 2/13

V. Worksheet Assignments:
   a. Balancing Equations (pg 61)
   b. Classifying Chemical Reactions (pg 63)
   c. Potential Energy (pg 76)
   Due Thur 2/14

VI. CHI Worksheet thru Prov 12:18
   Due Thur 2/14

VII. Exam on Chapters 17
    Due Wed 2/20

VIII. Screencast Chapter 19 – Chemical Reactions
     Due Fri 2/22

IX. Reading Assignment #3
    a. Read Section 19-1: Working w/ Solutions (pages 600-607)
    b. Read Section 19-2: Describing Acids & Bases (610-615)
    c. Read Section 19-3: Acid & Bases in Solution (616-621)
    Due Fri 2/22

X. Greek & Latin worksheet 1-75
   Due Fri 2/22

XI. Vocabulary
    a. Sections 19-1, Sections 19-2, Sections 19-3, Sections 19-4
       1. Suspension
       2. Solution
       3. Solvent
       4. Solute
       5. Dilute
       6. Concentrated
       7. Solubility
       8. Saturated
       9. Unsaturated
      10. Acid
      11. Base
      12. Corrosive
      13. Indicator
      14. Hydrogen Ion (Hydronium H+)
      15. Hydroxide Ion (OH-)
      16. pH Scale
      17. Acid rain
      18. Neutralization
      19. Salt
   Due Fri 2/22

XII. Worksheets:
    a. Acid Base or Salt (pg 66)
    b. pH (pg 67)
    Due Wed 2/27

XIII. CHI Worksheet thru 1 Chron 29:17
    Due Fri 3/1

XIV. Exam on Chapter 19
     Due Wed 3/6