

# Physical Science

## Assignment Sheet Chapter 17 & 19

- I. Screencast Chapter 17 – Chemical Reactions** **Due Fri 2/8**
- II. Reading Assignment #1** **Due Fri 2/8**
- Read Section 17-1: Matter & Its Changes (pages 536-541)
  - Read Section 17-2: Describing Chemical Reactions ( 544-551)
  - Read Section 17-3: Controlling Chemical Reactions (552-557)
- III. Vocabulary – Review each term using the text and handouts** **Due Fri 2/8**
- Sections 17-1, 17-2 & 17-3
- |                      |                         |                          |                   |
|----------------------|-------------------------|--------------------------|-------------------|
| 1. Chemical Reaction | 6. Subscript            | 11. decomposition        | 16. concentration |
| 2. Precipitate       | 7. reactants            | 12. replacement reaction | 17. catalyst      |
| 3. Chemical Equation | 8. products             | 13. exothermic           | 18. enzyme        |
| 4. Symbol            | 9. Conservation of Mass | 14. Activation Energy    | 19. inhibitor     |
| 5. Chemical Formula  | 10. Coefficient         | 15. endothermic          |                   |
- IV. Greek & Latin worksheet 1-50** **Friday 2/8**
- V. Worksheet Assignments:**
- Balancing Equations (pg 61) **Due Wed 2/13**
  - Classifying Chemical Reactions (pg 63) **Due Thur 2/14**
  - Potential Energy (pg 76) **Due Thur 2/14**
- VI. CHI Worksheet thru Prov 12:18** **Thur 2/14**
- VII. Exam on Chapters 17** **Wed 2/20**
- VIII. Screencast Chapter 19 – Chemical Reactions** **Due Fri 2/22**
- IX. Reading Assignment #3** **Due Fri 2/22**
- Read Section 19-1: Working w/ Solutions (pages 600- 607)
  - Read Section 19-2: Describing Acids & Bases (610- 615)
  - Read Section 19-3: Acid & Bases in Solution (616-621)
- X. Greek & Latin worksheet 1-75** **Friday 2/22**
- XI. Vocabulary – These are the terms we will be using in this unit** **Due Fri 2/22**
- Sections 19-1, Sections 19-2, Sections 19-3, Sections 19-4
- |               |                 |   |                    |
|---------------|-----------------|---|--------------------|
| 1. Suspension | 6. Concentrated | 11. Base                                      | 16. pH Scale       |
| 2. Solution   | 7. Solubility   | 12. Corrosive                                 | 17. Acid rain      |
| 3. Solvent    | 8. Saturated    | 13. Indicator                                 | 18. Neutralization |
| 4. Solute     | 9. Unsaturated  | 14. Hydrogen Ion ( Hydronium H <sup>+</sup> ) | 19. Salt           |
| 5. Dilute     | 10. Acid        | 15. Hydroxide Ion (OH <sup>-</sup> )          |                    |
- XII. Worksheets:** **Due Wed 2/27**
- Acid Base or Salt (pg 66)
  - pH (pg 67)
- XIII. CHI Worksheet thru 1 Chron 29:17** **Fri 3/1**
- XIV. Exam on Chapter 19** **Wed 3/6**