**Chemistry/Honors Chemistry Grade Recovery Plan**

**Instructions:**

Watch the GPB Chemistry: A Study of Matter videos for the unit in which you want to improve your grade. Complete the work that goes along with the unit and turn it in. Work is due by Friday, May 14th and will not be accepted later than that Friday.

**Unit 1 – Atomic Theory**

1. 301: The Development of Atomic Theory - <https://www.gpb.org/chemistry-study-of-matter/episodes/301>
2. 302: The Structure of the Atom - <https://www.gpb.org/chemistry-study-of-matter/episodes/302>
3. 303: Electrons in the Atom - <https://www.gpb.org/chemistry-study-of-matter/episodes/302>
4. 304: Electron Distributions - <https://www.gpb.org/chemistry-study-of-matter/episodes/304>
5. **Complete the unit 3 review.**
6. 401: History of the Periodic Table - <https://www.gpb.org/chemistry-study-of-matter/episodes/401>
7. 402: Organization of the Periodic Table - <https://www.gpb.org/chemistry-study-of-matter/episodes/402>
8. 403 Trends in the Periodic Table - <https://www.gpb.org/chemistry-study-of-matter/episodes/403>
9. **Complete the unit 4 review.**

**Unit 2 – Matter, Bonding, and Nomenclature**

1. 201: Physical and Chemical Properties and Changes - <https://www.gpb.org/chemistry-study-of-matter/episodes/201>
2. **Complete 201 physicalchemwkst and 201 physicalchemwkst2.**
3. 501: Introduction to Bonding - <https://www.gpb.org/chemistry-study-of-matter/episodes/501>
4. 502: The World of Atoms Is Not Enough – Bonding Part II - <https://www.gpb.org/chemistry-study-of-matter/episodes/502>
5. 503 Molecular Geometry - <https://www.gpb.org/chemistry-study-of-matter/episodes/503>
6. **Complete unit 5 review.**
7. 601: Ionic Formula Writing - <https://www.gpb.org/chemistry-study-of-matter/episodes/601>
8. 602: Writing Molecular Formulas and an Introduction of Organic Molecules - <https://www.gpb.org/chemistry-study-of-matter/episodes/602>
9. 603: Naming Compounds - <https://www.gpb.org/chemistry-study-of-matter/episodes/603>
10. **Complete unit 6 review.**

**Unit 3 – Reaction Stoichiometry**

1. 604: Word Equations and Balancing - <https://www.gpb.org/chemistry-study-of-matter/episodes/604>
2. 605: Types of Reactions and Predicting Products - <https://www.gpb.org/chemistry-study-of-matter/episodes/605>
3. **Complete unit 6 review.**
4. 701: Introduction to the Mole and Molar Mass - <https://www.gpb.org/chemistry-study-of-matter/episodes/701>
5. 702: Percentage Composition and Empirical Formulas - <https://www.gpb.org/chemistry-study-of-matter/episodes/702>
6. **Complete unit 7 Review**
7. 801: Mole/Mole and Mole/Mass Stoichiometry Problems - <https://www.gpb.org/chemistry-study-of-matter/episodes/801>
8. 802: Mass/Mass Stoichiometry Problems and Percent Yield - <https://www.gpb.org/chemistry-study-of-matter/episodes/802>
9. 803: Limiting Reactants - <https://www.gpb.org/chemistry-study-of-matter/episodes/803>
10. **Complete unit 8 review.**

**Unit 4: Thermochemistry and Gas Laws**

1. 901: Kinetic Theory, Atmospheric Pressure, and Gas Pressure - <https://www.gpb.org/chemistry-study-of-matter/episodes/901>
2. 902: Boyle’s Law and Charles’ Law - <https://www.gpb.org/chemistry-study-of-matter/episodes/902>
3. 903: More About the Behavior of Gases - <https://www.gpb.org/chemistry-study-of-matter/episodes/903>
4. **Complete unit 9 review.**
5. 1301: Thermochemistry - <https://www.gpb.org/chemistry-study-of-matter/episodes/1301>
6. Complete 1301 heatcalcwkst.

**Unit 5: Solutions and Acids and Bases**

1. . 1001: Solutions: A Special Type of Mixture - <https://www.gpb.org/chemistry-study-of-matter/episodes/1001>
2. 1002: Solubility - <https://www.gpb.org/chemistry-study-of-matter/episodes/1002>
3. 1003: Molarity and Colligative Properties - <https://www.gpb.org/chemistry-study-of-matter/episodes/1003>
4. Complete unit 10 review.
5. 1101: Introduction to Acids, Bases, and Salts - <https://www.gpb.org/chemistry-study-of-matter/episodes/1101>
6. 1102: Indicators and the pH Scale - <https://www.gpb.org/chemistry-study-of-matter/episodes/1102>
7. 1103: Neutralization Reactions - <https://www.gpb.org/chemistry-study-of-matter/episodes/1103>
8. **Complete unit 11 review.**