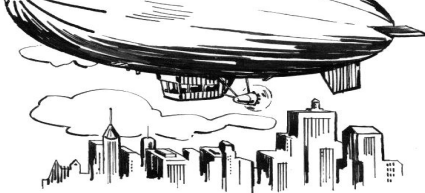


Honors Chemistry States of Matter: Unit 6



SCHEDULE:

DATE	CLASSWORK	HOMEWORK
Mon, 4/9	Pogil: States of Matter (1-4) Pogil: Pressure (5-8) Pogil: Phase Diagrams (9-11) CW: Phase Diagram WS (12)	Video: Phase Diagrams WS: Practice Phase Diagrams(13-14)
Tues, 4/10	Pogil: Kinetic Molecular Theory (15-19) Pogil: IMF Forces (20-26) IMF WS (27-28)	Basic Gas Laws Videos (there are 3) Combined Gas Law Video
Wed, 4/11	IMF Activity CW: Basic Gas Laws WS #1-3 (29-31)	Ideal Gas Law Video Study for Quiz
Thurs, 4/12	Quiz- Phase Diagrams & IMF CW: Ideal Gas Law WS #4 (32)	Density & Molar Mass Derivations video
Fri, 4/13	Quiz: Basic Gas Laws Density & Molar Mass w/Ideal Gas (33-34)	Dalton's Law Video Graham's Law Video
Mon, 4/16	Graham's Law Reading Activity CW: Graham's Law, Dalton's Law & Gas Laws Worksheet WS #5-7 (35-40)	Mixed Gas Law WS #1 (42-44)
Tues, 4/17	Quiz- Ideal Gas Law Mixed Gas Law Practice (p.45-47)	Mixed Gas Law WS #2 (48-51)
Wed, 4/18	Quiz- Dalton & Graham's Law Gas Law Mini Labs	Test Review
Thurs, 4/19	Lab: Determining the Amount of CO ₂ in Pop Rocks	Test Review
Fri, 4/20	Test: States of Matter	

Objectives: For the TEST you should be able to...

1. Distinguish between states of matter.
2. Identify intermolecular forces in substances.
3. Interpret phase diagrams
4. Describe the motion of particles according to the Kinetic Theory.
5. Explain the relationship between temperature and the kinetic theory.
6. Discuss the relationship between volume and pressure of a gas.
7. Solve Boyle's Law problems.
8. Discuss the effect of heating or cooling on a gas.
9. Solve Charles Law problems.
10. Discuss the relationship between temperature and pressure.
11. Derive and solve problems with the combined gas law.
12. Derive and solve problems with the Ideal Gas Law.
13. State Dalton's Law and solve problems.
14. Discuss the relationship between diffusion and the molecular weight of a gas "Graham's Law."
15. Solve Graham's Law problems.