**CHEMISTRY 2022-23 January 27, 2023**

**Today’s Agenda (Day 97)**

1. HOUSEKEEPING ITEMS

**🡪**  BRING

1. Homework Check:

🡪 Ch 11 Mini Lab

🡪 Ch 12 Launch Lab

🡪CHEM LAB: Compare States of Evaporation

1. Class Activity:

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🡪 **FRIDAY: Fossil Discovery 🡪 host Ms. Yoly’s 3rd grade!**

🡪MONDAY: Chapter 13 PPT Review

1. Section 13.1 – The Gas Laws
2. Section 13.2 – The Ideal Gas Law
3. Section 13.3 – Gas Stoichiometry

HOMEWORK:

* READ: Chapter 13 - Gases
* COMPLETE: Chapter 13 & 14 Vocabulary
* STUDY: Chapter13 & 14 Vocabulary and Ch 13 Test

Chapter 13 Vocabulary

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| absolute zero | Avogadro's principle | Boyle's law | Charles's law | combined gas law | Gay-Lussac's law | ideal gas constant |
| ideal gas law | molar volume |  |  |  |  |  |

Chapter 14 Vocabulary

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| boiling point elevation | Brownian motion | colligative property | Colloid | Concentration | freezing point depression | heat of solution |
| Henry's law | Immiscible | Insoluble | Miscible | Molality | Molarity | mole fraction |
| Osmosis | osmotic pressure | saturated solution | Solvation | supersaturated solution  | unsaturated solution | vapor pressure lowering |

REMINDERS:

* Chapter 13 & 14 Vocabulary – Jan. 26
* QUIZ: **Chapters 13 & 14 Vocabulary 🡪 Jan. 31**
* TEST: **Ch 13 🡪 Feb. 2**

**CHEMISTRY 2022-23 PRACTICE PROBLEM**

**CHAPTER 12 – States of Matter**

**Practice Problems 12.1 –** Graham’s Law



**Practice Problems 12.2 –** Partial Pressure of a Gas



**CHEMISTRY 2022-23 CHEM LAB**

