**CHEMISTRY 2022-23 August 26, 2022**

**Today’s Agenda (Day 8)**

1. HOUSEKEEPING ITEMS

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1. Homework Check:

🡪 Ch 1 Launch Lab

🡪 Ch 1 Mini-Lab

 🡪 Chapter 1 Vocabulary

1. Class Activity:

🡪 BEGIN: Chapter 2 PPT Review

1. Section 2.1 – Units and Measurements
2. Section 2.2 – Scientific Notation & Dimensional Analysis
3. Section 2.3 – Uncertainty in Data
4. Section 2.4 – Representing Data

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HOMEWORK:

* ~~READ: Chapter 1 – Introduction to Chemistry~~
* READ: Chapter 2 – Analyzing Data
* COMPLETE: Chapter 2 Vocabulary (abridged template)
* STUDY: APA Review, Chapter 1

CHAPTER 1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Applied research | Chemistry | Conclusion | Control | Dependent variable | experiment |
| Hypothesis | Independent variable | Mass | Model | Pure research | Qualitative data |
| Quantitative data | Scientific law | Substance | Theory  | Weight |  |

CHAPTER 2

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Accuracy | base unit | conversion factor | density | derived unit | dimensional analysis |
| Error | Graph | Kelvin | Kilogram | Liter | Meter |
| percent error | Precision | scientific notation | Second | significant figure |  |

REMINDERS:

* Ch 2 Vocabulary – Aug. 30
* TEST: **Ch 1 🡪 Aug. 30**
* QUIZ: **Ch 1 & 2 Vocabulary 🡪 Sept. 1**
* TEST: **Ch 2 🡪 Sept. 6**

**CHEMISTRY 2022-23 PRACTICE PROBLEMS**

**CHAPTER 2 – Analyzing Data**

**Practice Problems 2.1**

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**Practice Problems 2.2**

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