**Honors Chemistry**

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**Course Description and Objectives**

Chemistry is an introductory course preparing the student for further studies in chemistry in college. It is directed toward explaining the composition of matter. Emphasis is placed on chemical principles and their application, problem solving, and the development of laboratory skills.

**Textbook**

Pearson Chemistry Book

**Unit/Concept Names**

Unit 0 Think like a scientist

Unit 1 Classification of matter

Unit 2 Atomic Theory & Periodicity

Unit 3 Chemical Bonding & Nomenclature

Unit 4 Chemical Reactions

**Major Course Projects and Instructional Activities**

At least one project will be assigned each grading period. This will be an extension or enrichment of the concepts discussed. Students will have 1 to 3 weeks to complete each project depending on the complexity of the task. Some tasks and/or projects will be completed in class (specifically the unit culminating tasks – these MUST be completed in class only).

**Course Assessment Plan**

Students will receive a variety of assignments designed to enhance their learning. If a student is absent, the student is responsible for the missed assignment. Students who have an excused absence will be allowed five days to turn in the missed assignment. No work will be accepted after five days.

**Evaluation (Schoolwide Grading Policy)**

* *Minor Grades* = 60% (quizzes, labs, and other graded assignments to assess certain standards in a

unit of study)

* *Major Grade*s = 40% (unit tests, essays, research papers, project-based assignments, and other culminating assessments to measure mastery of standards that comprise a unit of study)

**Classroom Procedures & Expectations**

The overarching expectation in this class is RESPECT: respect for yourself, respect for other students, respect for the teacher/or any individual in authority, and respect for any guests that may enter our class. Although this encompasses all other expectations, I will outline several others for the sake of clarity.

1. Be on Time!
2. Begin the Warmup as soon as you come to class
3. Remain SEATED and PREPARED at all times.
4. No cell phone, foods, or drinks in class
5. Every student is responsible for helping to maintain a clean, safe learning environment. Your area must always remain CLEAN. The floor should be clear of trash, paper, and personal belongings.
6. Adhere to all policies, rules, and regulations outlined in the student handbook, and Lucy Laney High School’s Norms.
7. Ask if you need help
8. DO Your BEST

**Course Materials**

\* 3” 3-ring Binder

\* Loose Leaf Paper \* 1 Package of Dividers (5 Total)

\* Pencils

\* Handheld pencil sharpener \* Highlighters

\* Loose Leaf Paper

\* Coloring Utensils (crayons, coloring pencil, or markers)

Donations appreciated for the following (optional):

**\***Copy Paper \* Hand Sanitizer \*Dry Erase Markers \*Kleenex \* Disinfectant Wipes

**Resources:**

**All course material will be posted on Canvas, make sure to check canvas every day.**

**Suggested resources**

### [Periodic Table 2021 - Chemistry](https://play.google.com/store/apps/details?id=mendeleev.redlime&utm_source=appgrooves&utm_medium=agp_a531cf416bbce7e2344f47dd37f265b9_mendeleev.redlime_us_others_16288521915498)- free app

1. Chemistry free ap
2. chemistry Pro free app



**Modes of Communication:**

Email: zeinesa@boe.richmond.k12.ga.us

Remind messages:

Text the message @4fcbb36 to the number 81010