

# Chemistry – Fall 2017

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**Course Overview:** Chemistry is a very exciting science course that deals with changes in matter. We will be discussing such topics as the infamous mole, elements, compounds, atomic structure, chemical reactions, stoichiometry, solutions, phase changes, chemical formulas, and many more. Chemistry also involves a great deal of math and problem solving. Please keep this in mind as we progress through the course, and expect to **show your work** on **any and all** problems requiring computation in order to receive full credit. At the Honors level, there is additional curriculum and the expectations are much higher. Be prepared to be challenged each and every day!

**And always remember, never trust atoms...they make up everything!**

## Supply List

- Pencils/Pens ready to go when class begins...everyday.
- 1" 3-ring binder (any color) with loose-leaf notebook paper & dividers
- Scientific calculator (graphing ok, but not required)
- Textbook (provided): Glencoe Chemistry: Matter and Change – Books may be left in the room or checked out as needed, but are your responsibility.
- Optional: Classroom supplies (to be used by all) from the following list: paper towels, hand sanitizer, Kleenex, glue sticks, 11x17 white paper, Clorox wipes

### **NO CELL PHONES DURING CLASS, UNLESS AS INSTRUCTED BY TEACHER**

- Cell phones (or any other electronic devices, including ear buds) are a distraction in the classroom, and will be collected if seen or heard at all.
- These devices will NOT be used for calculators. There may be times when the phone is used for research, and if so, would be given specific instructions on how and when to do so.
- Under NO circumstances will devices be allowed out during tests or quizzes, and will result in immediate office referral and grade of 0 on the assessment.

If a student violates these rules, they will be asked to turn off the device and put it on my desk, to be picked up at the end of class, or at the end of the day. Repeated violations will result in the device being turned into the office for parental pick up and conference. Please help us reinforce the importance of time on task and limiting outside distractions

## General Rules

- **NO EATING/DRINKING IN THE CLASSROOM!**
- **Be on time (in the door)** & ready to begin at the bell. After the late bell, YOU ARE TARDY!
- **Be prepared**...(homework, paper, pencil, books, calculator DAILY)
- **Be respectful to all, including each other**. This includes listening & following directions.
- **Stay safe!** **Under no circumstances** should you be in or around the lab stations, equipment, workroom or stockroom, unless you have been instructed to by your teacher.

## Consequences

- 1<sup>st</sup> Offense: Verbal Warning
- 2<sup>nd</sup> Offense: Written Warning, 15 min ASD & Phone Call to Parent
- 3<sup>rd</sup> Offense: 30 min ASD & Parental Conference
- 4<sup>th</sup> Offense: Direct referral to Office

## Attendance is VITAL to succeed in Chemistry!

This course moves at a very fast pace; therefore, attendance is crucial! Students are responsible for obtaining any missed assignments for making them up within three days of returning to class. This includes notes, homework and making up tests/quizzes/labs. Please note that tests, labs, quizzes must be made up after school within the allotted time frame for excused absences. Make-up work for unexcused absences is left to teacher discretion.

To reiterate the importance of attendance, the tardy policy will be strictly enforced according to the schoolwide mandate and will be handled as follows:

1st tardy	Warning
2nd tardy	10 mins. Before/After school or during break
3rd tardy	15 mins. Before/After school or during break
4th tardy	20 mins. Before/After school or during break
5th tardy	Office referral and in-school suspension. Parking permit warning.
6th tardy	Office referral and in-school suspension. Loss of parking permit for one week.
7th tardy	Office referral and OSS. Loss of parking permit for remainder of 9 weeks.
8th and further	Office referral and OSS. Loss of parking permit for remainder of semester.

\*\*\*Tardies beyond 5 may include loss of additional privileges such as dances, Prom, or other

The Students will be given 4 'out the door' passes for each 9 week grading period. This can be used for trips to the bathroom, water fountain, locker, to see another teacher, go to the office, etc. Additional passes will **NOT** be given, and any unused passes can be turned in for an extra 5 points on a test during that grading period.

## Laboratory Work

Chemistry is a laboratory course, and we will be utilizing the lab stations and equipment weekly. As such, SAFETY IS CRITICAL. Each student will receive a copy of our Lab Safety Rules to keep in their notebook and will be expected to read, understand and apply these standards of precaution, as indicated by their signature on the Lab Safety Contract.

- Students choosing not to abide by safety standards will be told to sit down & receive a zero for that lab!!
- Labs missed due to excused absence must be scheduled for makeup after school.

## Homework

Homework must be completed by the due dates. Late homework will not be accepted **except** due to an **excused** absence. Homework will be often be checked for completion and reviewed in class, occasionally homework will be collected and graded for accuracy. Quizzes will be given frequently! These may or may not be announced. Successful completion of homework will help ensure success on the quizzes and tests.

## Exams and Grades

Your course grade will be based on tests, quizzes, homework, labs and projects. The percentage each will count toward a quarterly grade is indicated below.

- 60% — Assessments (Tests, Projects)
- 30% — Activities (Quizzes, Lab Work & Reports)
- 10% — Assignments (Bellwork, Classwork & Homework)

At the end of the semester, all students (no exemptions) will take the NC Final Exam for Chemistry. This will count for 20% of their final grade. Quarterly grades (1<sup>st</sup> & 2<sup>nd</sup>) are worth 40% each of the final grade for the course.

## Extra Help

The majority of this subject requires that you understand concepts and be able to apply them. In addition, concepts in chemistry are cumulative and build on each other. Therefore, you will receive homework on most days in order to practice the problem-solving skills we discuss in class. If you find that class time and homework are not sufficient for your understanding of a concept, please make time to come see me after school for help. I am available as needed after school for help.

**PLEASE do not get behind or wait until the day of the test or exam to ask for help!!**

## Webpage

The class webpage will have links to helpful websites and videos, pdf's of reference tables, study guides/answers, standards for each unit, test and quiz dates, all notes for the semester (notes may be printed in advance of each unit – be sure to print multiple pages per sheet and in black/white). The webpage can be accessed through the school website – look under the “Faculty” section.

## Tutoring and my contact information:

Tutoring or makeups are available after school on Tuesdays & Wednesdays each week.

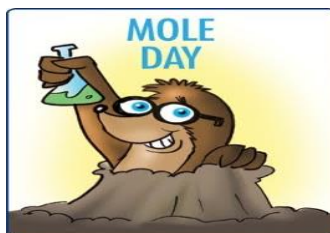
Please feel free to contact me should the need arise. I will respond within 24 hours during the school week or Monday following the weekend.

**704-736-1969 ext 62313 or email [anesbitt@lcsnc.org](mailto:anesbitt@lcsnc.org)**

## TENTATIVE COURSE SCHEDULE

UNIT	CHAPTERS IN TEXT	TEST DATE
1. Measurement & Math	1.3, 2, 3.1-3.2, 3.4	Sept 6
2. Atomic Structure	4, 5.1-5.3	Sept 20
3. Periodic Table & Trends	6, 7	Sept 26
4. Chemical Bonding	8, 9.1, 9.2	Oct 5
5. Molecular Structure	9.3 – 9.5, 13.2-13.3	Oct 17
6. Moles	11	Oct 27
7. Chemical Reactions	10	Nov 11
8. Stoichiometry	12	Nov 28
9. Solutions, Acids & Bases		Dec 8
10. Gas Laws	13.1,14	Dec 20
11. Energy & Equilibrium		Jan 10
Exam Review	All	2 days
Final Exams		Jan 16-22

Important Date  
MOLE DAY is  
October 23<sup>rd</sup>!!!



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