

Lassiter High School
Reaching Excellence and Climbing Higher
Science Department
2019-2020



COURSE TITLE: Chemistry

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INSTRUCTOR: Mrs. Courteney Hinkson

LEARNING GOALS:

- ◆ Students will demonstrate proficiency in the critical thinking skills of decision-making, information processing, reasoning, and analysis at or above course standards.
- ◆ Students will demonstrate proficiency in reading comprehension and written expression. All students will be asked to write in complete sentences for assignments in every academic area (Common Core Literacy Standard).
- ◆ Students will demonstrate proficiency in critical thinking skills and the scientific habit of mind by performing inquiry and problem-based learning activities that will be student driven to enhance curiosity, creativity, and problem solving.

COURSE DESCRIPTION: The Cobb County Chemistry Standards are designed to provide students with a detailed understanding of matter and energy and comply with Georgia Performance Standards. The interaction is investigated through the use of laboratory techniques, manipulation of chemical quantities, problems solving applications, and outside research. Scientific methodology will be used in experimental and analytical investigations, and concepts will be illustrated with practical applications. All coursework will meet the Georgia Performance Standards for Science in the Chemistry area. These standards can be found at the following link:

<https://www.georgiastandards.org>

GRADING POLICY:

Category	Percent of total possible
Tests and Major Projects	45%
Labs and Minor Projects	25%
Unit Packets and Note Checks	5%
Quizzes	10%
Cumulative Final Exam	15%
Total	100%

TOPIC ANALYSIS:

Length (weeks)	Topics
2	Introduction, Lab Safety & Equip, Sci Method, Measures, & Calculations
2	Matter & Energy
2	Modern Atomic Theory & Atomic Structure
2	Periodic Table & Trends
5	Ions, Naming, Bonding
3	Chemical Reactions
3	Chemical Composition
3	Chemical Quantities, Stoichiometry
3	Solubility
3	Acids and Bases
2	Equilibrium & Enthalpy
2	Gas Laws

TEXTBOOK: GA Chemistry Matter & Change (McGraw Hill)

Class set will be available in the classroom and students will have online access

TESTS: Test days are Monday, Wednesday and Thursday

LABS: Each student will be expected to work with a partner (or partners) and participate in Lab activities. Laboratory experiments are a critical part of this chemistry course. The labs are chosen to be educational *and* fun. It is through hands-on work that we understand how chemistry impacts our daily lives. Labs may be graded based off a lab report, lab quiz, or mixture of both. **If absent you will be given an alternative assignment to complete or you may try to schedule a time outside of class to make-up the lab.**

ATTENDANCE AND MAKE-UP POLICY: A student who is present and actively participates is more likely to be successful; however, if a student is absent, he/she has one day for each day of excused absence plus one day to make up the work. (For example, a student absent 2 days would have 3 days to make-up the work.) Students are responsible for obtaining the make-up work from the teacher upon their return, downloading from the blog when possible, check lecture notes from classmates, and obtaining the alternative assignment for missed labs or scheduling a lab make-up. A student who is absent is expected to check the blog to follow the course/catch up with the course while being out. A student with an unexcused absence may ask for assignments and may choose to

complete them in order to keep up with the class; however, the teacher is under no obligation to grade the work. **If you are absent on the day prior to the test (also known as the “review day”) you will be required to take the test on the regularly scheduled day.**

TARDY POLICY: To avoid being counted tardy, students must be **seated and ready for class when the bell rings**. You will be required to obtain a tardy pass through the late arrival system (LAS) to enter the room if you arrive after the bell for 1st period. Students will be referred to an administrator **after THREE unexcused tardies**. See handbook for the appropriate consequences, which may include administrative detention, Saturday school, ISS and loss of parking privileges.

LATE WORK: Late work will NOT be accepted for any reason. All assignments (labs, homework, classwork) will only be accepted at the assigned time.

EXTRA HELP: I am available *by appointments* or on **Wednesday from 3:30- 4:00 pm** for extra help in room 1207. ASE for Chemistry is also a good option. I will be glad to help if you are having difficulty – all you need to do is ask. You may also attend any of the chemistry help sessions hosted by other chemistry teachers.

MATERIALS NEEDED:

- Calculator (scientific, no graphing on tests) - TI 30X IIS
- Notebook or folder and paper
- Pen & pencil
- Electronic device (sometimes we will use the media center or laptops but you are welcome to BYOD)
- *Donations of:* whiteboard markers, cleaning supplies, and tissues

LASSITER SCIENCE DEPARTMENT POLICY ON ACADEMIC INTEGRITY:

*In addition to **administration**, the **parents** of a student who has been involved in cheating will be notified and the student will receive a grade of zero for the assignment or evaluation period, and a grade of U in conduct.*

For the Lassiter Science Department, cheating is defined as, *but is not limited to*, the following acts:

- Copying anyone’s answers to questions, lab activities, study guides, classwork or homework assignments (this also applies to other teachers reporting copying being done in their classrooms on similar assignments).
- Looking onto another student’s paper during a test or quiz.
- Having available any study notes or other test aids during a test or quiz without the teacher's permission.
- Collaborating on assignments when independent work is expected. ***Be certain that individual lab reports, even when performed as a group, are written in your own words.***
- Taking any information verbatim from any source, including the Internet, without giving proper credit to the author, or rearranging the order of words and/or changing some words as written by the author and claiming the work as his or her own, i.e., plagiarism.
- Using external resources such as web sites or apps to complete an assignment or assessment unless specifically permitted by the teacher.
- Taking pictures of assignments, answer keys, or assessments without the consent of the teacher.
- Allowing another student to cheat or copy from your work is also considered cheating.

Students displaying or using cell phones or any other technology devices during tests and/or quizzes will be referred to administration, and will be given a zero for that test or quiz with NO opportunity to make up those points.

MY CLASSROOM POLICY: *How to succeed in chemistry class this semester—*

1. **Always put safety first (yours, as well as others’)!**
2. **Come to class ready to learn—on time, prepared to participate, and equipped with paper, writing utensil(s), and Chemistry binder.**
3. **Practice respect for everyone involved in our learning environment—teachers, guests, fellow students, and equipment.**
4. **Practice honesty in all areas; cheating will not be tolerated.**

Text Message Reminder System

I will be using an anonymous reminder website as a classroom tool (called Remind). This website allows me to send text messages to students and parents about upcoming assignments, quizzes, or tests. It also allows me to notify students of any changes that might occur before the next day's class. This is an *anonymous system*, so I do not have access to you or your child's cell phone number and vice versa. Your students have enrolled through this program during class, but I would like for YOU (parents/guardians) to enroll your cell phone number (or email if you prefer) as well! To do so, please follow these instructions...

To receive messages via text, text @mshinks to 81010. You can opt-out of messages at anytime by replying, 'unsubscribe @mshinks'.

Trouble using 81010? Try texting @mshinks to (678) 973-1595 instead.



You will receive a message asking for your name... please respond with your first and last name only (text messaging rates apply).

Technology in the Classroom

Some days in this course will be designated as BYOD (Bring Your Own Device) days. I encourage all students to bring their smart devices to Chemistry with the understanding they are to be used only during the appropriate times. Smart phones, tablets, etc will be used in class for viewing notes, researching information, formative assessments, class reviews, and others. On days were are not using technology, students will be asked to put their devices in a designated location in this classroom. This limits distractions and helps students learn the appropriate use a technology.

I will be “flipping” the classroom throughout this school year. This means I will be recording my lecture videos and your student will be watching them at home. By recording my lectures, students will have greater control over how they review. They can pause, take notes, or repeat/review any portion of the lecture at any time.

These lecture videos will be posted to the website so it is imperative that both you and your student check this consistently throughout the semester. I post the week's schedule every Sunday and then edit it as things change throughout the week.

As always, I can be reached most easily via email. Please feel free to contact me at any time with whatever questions or concerns you may have.

courteney.hinkson@cobbk12.org

Please note, I do not a check my email after I leave school in the afternoon. Please take this into consideration if you are emailing with an urgent matter.

SYLLABUS ACKNOWLEDGEMENT
(only if virtual acknowledgement doesn't work)



NOTE TO PARENTS:

It is the responsibility of the student/parent to inform me of any special needs that will impact student success in my class. Chemistry is a rigorous course. To be successful in this class, students should be working on something in chemistry **every night**. The students will be required to watch videos and read notes outside of class as an introduction to topics so we can focus on advanced learning in the classroom utilizing inquiry and hands on activities. The instructions for notes or links to these videos will be provided on Schoology or during class. Also, student safety during labs is of the utmost importance so you and your student must sign a lab safety contract. I must have this back in order for the students to participate in labs. I will be sending out reminders through Schoology about assignments, quizzes, labs, tests, and due dates. You must request a parent code from the teacher or your child for you to be able to log into the class and track their progress. **Make sure you read and sign the Student/Parent Information Sheet**

TEACHER: Mrs. Courteney Hinkson **COURSE:** Chemistry

YOUR SIGNATURE BELOW INDICATES YOUR AGREEMENT WITH THE FOLLOWING:

- ◆ I have reviewed the class syllabus and understand the grading policy.
- ◆ I give permission for my child to view G, PG or PG13 movies if they are related to the curriculum of the class.
- ◆ I am willing to be contacted by email.
- ◆ I have access to the internet and will access the SYNERGY parent feature (once it is available) to check on my child's progress. I understand that teachers will make every effort to post grades within 1 week of accepting the assignment, but that posting of grades for larger papers and projects may extend beyond the 2 week timeframe.
- ◆ My student and I understand that the blog is a very important part of communication in this course. There will be online flip classroom lecture presentations, online assessments and learning to organize-time manage is an important part of this course.
- ◆ My student and I have read the classroom policies and lab safety contract. Lab Safety contract submitted separately.

** Are there any concerns or medical issues that the teacher should be aware about your student?

Student Name: _____ Class Period: _____
(Please print.)

(Student's Signature) (Parent's Signature)

(Student's E-mail—*optional but encouraged*) (Parent's E-mail)

(Parent Phone Number: HOME) (Parent Phone Number: WORK/CELL)

PLEASE RETURN THIS FORM BY Monday, August 5th, 2019

The best way to communicate with me is via email Courteney.hinkson@cobbk12.org
Please feel free to contact me if you have any additional questions or concerns.