Chemistry Syllabus

**Contact Information:**

Mrs. Hager ashley.hager@sumnerschools.org

Teacher Websites: mrshagerchemistry.weebly.com Google Classroom

**Course Information:**

Chemistry is a laboratory science course in which students investigate the composition of matter and the physical and chemical changes it undergoes. Students use science process skills to study the fundamental structure of atoms, the way atoms combine to form compounds, and the interactions between matter and energy. Students explore chemistry concepts through an inquiry- based approach. Embedded standards for Inquiry, Mathematics, and Technology & Engineering are taught in the context of the content standards for Atomic Structure, Matter and Energy, and Interactions of Matter**.** (<https://www.state.tn.us/education>).

**Course Materials:**

* Textbook (We will have a classroom set)
* Pencil or pen
* Lined loose-leaf paper
* 3-ring binder (2-3 inch)
* Scientific calculator (We will have a classroom set)

**Class Fee:**  There is a class fee of $20.00 to cover class supplies, lab supplies, and materials that are required to complete the course competencies as mandated by the state.

**Classroom Rules:**

1. Prompt: Be on time, turn in homework, and go to YOUR seat when the bell rings.

2. Polite: Be nice to EVERYONE. Respect yourself, your peers, and your teacher. Keep

hands, feet, and other objects to yourself.

3. Prepared: Bring all necessary work and materials to class EVERY day.

4. Productive: Stay on task, follow directions, and remain in seat until you are told

otherwise.

5. Patient: Raise your hand to speak, and listen when others are talking.

\*NO COMPLAINING!!!

\*ALL PHS AND SUMNER COUNTY RULES SET FORTH IN THE STUDENT HANDBOOK MUST BE OBEYED AT ALL TIMES!!!

\*\*Cell phone usage in the classroom is prohibited unless noted by the teacher. If a student is caught using a cell phone without prior permission after being given a prior warning, it will be taken up and turned into the office, and the student will receive an office referral.

\*\*Lab rules must be obeyed at all times in the laboratory setting to ensure your safety. If lab safety rules are continuously disobeyed, lab privileges may be taken away.

**Consequences:**

1. Warning and/or Parent Phone Call or Email: The student will be given a verbal warning that will be documented in their file. A parent may also be notified of the broken rule via phone call or email. Some rules that are broken may not result in a warning but may be automatically elevated to an office referral.
2. Parent Phone Call/Email and Office Referral: On the second offense of rule-breaking, a parent will be notified and the student will receive a discipline referral to the student’s principal of record.

**Grading:**

* Bellringers/Exit Tickets: 5%
* Homework/Classwork: 20%
* Labs/Lab Reports: 15%
* Quizzes: 20%
* Tests: 40%

There will be AT LEAST one opportunity for extra credit during each 9-weeks grading period. This opportunity will consist of a project related to the content covered. Points earned for this extra credit opportunity will be added in to the homework/classwork grade.

**Policies and Procedures:**

Labs- Students are expected to follow laboratory safety rules and codes. Labs will consist of hands-on activities. If a student does not conduct himself/herself in a professional manner during laboratory experiments, he/she will be sent out of the classroom and receive 0% for the grade without a chance to make it up. Remember, labs are a privilege designed to be a fun, entertaining way of applying information we have learned in a visual and tactile demonstration. If the teacher feels like a student does not understand the content needed to complete a laboratory experiment efficiently, the teacher reserves the right to give the student reinforcement work related to the content instead of having the student complete the laboratory experiment. If reinforcement work is given, the grade given on this work will replace the laboratory experiment grade. Before the student may begin to work with chemicals in the lab, a laboratory safety quiz must be passed with a grade of 100%, the syllabus must be signed by the student and parent/guardian, and the lab safety contract must be signed by the student.

Bellringers/Exit Tickets- Students are expected to be seated at the start of class and to begin work on the daily bellringer while attendance is taken. Exit tickets are designed to reinforce and reflect on the new material learned that day. They will be given at the end of class. Students are responsible for keeping up with every bellringer and exit tickets until asked to turn them in and **are responsible for writing down that they were absent on the day a bellringer was given**. The teacher will make checks of completed bellringers/exit tickets throughout the semester for a grade.

Bathroom/Hall Passes- Each student will receive 5 hall passes at the beginning of the semester. These passes may be used for bathroom, water fountain, locker, library, etc. No one will be allowed to leave the classroom during the first and last 15 minutes of class. The teacher must approve the use and time of a pass (do not interrupt lecture). Once the student is out of hall passes, he/she will not be allowed to leave the room for any of the reasons listed above.

Makeup Work- The student is responsible for the work he/she missed while absent. A tentative weekly agenda will be displayed on my teacher website and in the classroom every week. The student may consult the agenda, teacher, or another student for what was missed. There will be a three-day allowance after the absence to make up missing assignments or activities unless otherwise noted or discussed by the teacher and student. After the three days, the work will be considered late and will be graded accordingly. After five days, any make-up work not turned in will be scored as a zero in the grade book. All makeup homework/classwork will be located at the “Make Up Area” of the room where assignments can be picked up and dropped off in the turn-in folders. **Labs must be made up before or after school.** If the student has a legitimate reason why he/she cannot make up the lab before or after school (work, doctor appointment, etc.), an alternative assignment can be done IF there has been a conversation and agreement between myself and the parent/guardian.

Missing Assignments- Homework is to be turned in at the beginning of class at the “Turn In Area” of the room in the appropriate basket. Everyone, aside from students who were absent, has one day to turn in an assignment after it was due for ¼ off. On the second day after the assignment due date, students may turn in the assignment for ½ off. Any assignment turned in two days after the due date will be voided and recorded as a zero.

Academic Integrity- Cheating will not be tolerated. If a student is caught cheating or suspected of cheating, he/she will receive 0% for the assignment and not be allowed to make it up. If students cut and paste from the internet, copy from someone else work, or work together with a partner or groups without teacher permission, this must be referenced, cited or noted on the assignment.

Tutoring- I will be holding tutoring sessions after school as needed. These tutoring sessions will last as long as the students in attendance need help. It is the student’s responsibility to inform the teacher that tutoring is needed. I will be glad to arrange a tutoring session after school as needed.

**Course Outline**

Below is an outline of the topics we will be covering this semester in Chemistry.

* Math in Chemistry
* The Scientific Model
* The Atom
* The Periodic Table
* Chemical Bonding
* Chemical Formulas
* Chemical Equations and Reactions
* Stoichiometry
* Gases
* Liquids and Solids
* Solutions
* Acids and Bases
* Thermochemistry
* Nuclear Reaction

I look forward to working with you this semester and hope to have a great semester!

I have read and understand Mrs. Hager’s class rules and requirements for successful completion and evaluation of this course. I understand that there is a $20 class fee for this course to help cover the costs of laboratory experiment materials needed throughout the semester. By signing I understand and will abide by these class rules and lab safety contract.

**Parent /guardian signature** **Date:**

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Daytime Phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Student signature**  **Date:**

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Printed student name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

If you have any concerns please list them on the back of this sheet.