
Chemistry I

Candace M. Yates

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Remind 101: Enter this number 81010

Text this message @9a84f8

2017-2018

Room 12

Planning Time: 1:30 -2:20

COURSE DESCRIPTION: The purpose of Chemistry at McMinn Central High School is to introduce the student to the science of chemistry. Students will study the relationship between the structure and properties of matter. Chemistry also includes the investigation of measurements, atomic structure, formulas, and chemical reactions. Students will observe chemical changes through laboratory experiments and learn to record data in a formal report. Students will gain a better understanding of the composition of gases, liquids, solutions, and organic compounds.

***Chemistry I meets the requirements for one of the three science credits required for graduation from CHS..

PREREQUISITES/COREQUISITES: Biology I

SUPPLIES:

- Notebook paper
- 1 ½" binder
- Plastic folder with three prongs and pockets
- pencils
- colored pencils
- highlighters

Bring at least **one** of the following:

Kleenex, hand sanitizer, paper towels,
Clorox wipes, scotch tape

REQUIRED TEXTS AND RESOURCES:

- Buthelezi, Thandi, Laurel Dingrando, Nicholas Hainen, Cheryl Wistrom, and Dinah Zike. *Chemistry: Matter and Change*. New York: Glencoe/McGraw-Hill, 2008. Print.
- EOC info:
http://tn.gov/assets/entities/education/attachments/tnready_blueprints_sci_grade_9-12.pdfauthor, title, date of publication, etc. Include any required online resources here.

ATTENDANCE AND PUNCTUALITY: Good attendance is required. In the event of an absence, you are responsible for all material presented in class, including homework assignments, quizzes, and tests. It is your responsibility to turn in your make-up work. You will have three days from your absence to complete the work you missed.

When you are absent:

1. Check the absent folder for any missed work.
2. Copy the notes you missed from a friend into your OneNote notebook.
3. Make up any homework assignments you missed as soon as possible.
4. Schedule a time with me to make up any tests/quizzes you missed.

It is very important to come to class on time. If you are late because you were needed by a teacher or staff member, you must bring a pass from that teacher/staff member in order to be excused. When you enter the classroom late, enter as not to distract the rest of the class. Silently enter the room, hand the teacher your pass, and join the rest of the class in our activity. **Please know that you are tardy if you are not in your seat working on the bell work when the bell rings!** This will be tough for some of you, but make sure pencils are sharpened before class!

Unexcused tardies result in a 2 point deduction on your participation/code of conduct.

COMMUNICATION: I will communicate to you through Remind 101 and our OneNote classroom notebook. Please be sure you read the Content Library of your OneNote daily.

CELL PHONES, COMPUTERS, AND OTHER ELECTRONIC DEVICES: Keep all personal electronic devices put away! We will be using computers daily. I expect you to take good care of your computer. Any lost or damaged computers will be billed to you! We are fortunate enough to have a class set of computers for you to use. Please respect them.

FOOD AND DRINK: Only water with a screw top lid.

ACCOMMODATIONS: If you feel I need to do something to help you learn better, please tell me. It is important that you communicate any specific needs to me. If you cannot see or hear where you are placed, let me know as soon as possible.

CURRICULUM: Semester 1 will include the math of chemistry, matter and change, scientific measurement, atomic structure, atomic theory, classification of matter, solutions, gas laws, nuclear chemistry, quantum mechanical model, and periodic trends.

Semester 2 will include ionic bonding, covalent bonding, acids/bases, chemical equations, and stoichiometry.

COURSE REQUIREMENTS

We will work on a total point system. To determine your grade on any given assignment, divide how many points you received by how many it was worth. Our point system will be like the following:

Tests: 100 points each (most tests will be 50 questions, 2 points each)

Labs: 50 points (this will include a lab report)

Quizzes: 20 points each

Homework: 5 points each

Class work: 2-5 points each

Notes: 10 points each (these will be the notes you take in OneNote and can be checked any time)

Participation/Code of conduct: 100 points twice a semester

There will be an EOC (end of course) test in Chemistry. It will be a percentage of your grade. This is a high stakes test. Please do your very best throughout the year and on testing day. Everything we cover will prepare you to succeed on this test.

You are responsible for keeping ALL work that I give back to you. We will keep important assessments in your data folder in the classroom. Other work is to be kept in your binder. You will be asked to produce pieces of graded work for a grade.

GRADING: To determine your final grade in the course, I will calculate your percentage by dividing your total earned points by the total points possible. These will be converted to letter grades as follows:

93-100% = A 85-92% = B 76-84% = C 70-75% = D < 70% = F

I try to keep your StudentVue up to date. Please check it often so that we can discuss grades as needed.

ASSIGNMENT SUBMISSION: Some assignments will be submitted in your OneNote notebook. When assignments are submitted via paper, they are to be put in our class folder in the back of the room. Name, date, and class period should be in the upper right corner of every assignment. They should be placed in the folder with the upper right corner of your paper in the bottom right corner of the folder. Points will be lost for incorrectly labeled papers!

LATE WORK: Late work will lose ten points for every class day it is late. In addition to a deduction in grade, you will lose points on your participation grade.

RESUBMISSIONS: I allow redos. It will be an alternate assignment unless otherwise noted. You may not retake quizzes. You must request a test retake in writing and explain to me what you will do to increase your score on the retake.

PLAGIARISM/ACADEMIC OFFENSES: If you are caught cheating, you will receive a zero on the assignment and you will lose points on your code of conduct.

CLASSROOM RULES:

1. No communication without permission
2. Be ready to learn and bring required materials to class
3. Be kind
4. Participate
5. Respect the learning environment

In addition to these 5 classroom rules, see the attached code of conduct for specifics on how I will address these. Also see lab safety agreement.

By signing below, you are acknowledging that you have read the syllabus, code of conduct, and lab safety rules. You are agreeing that you will do you very best to uphold classroom rules and procedures while in Chemistry class. If you have any questions, please ask.

Student Name: _____

Signature: _____ Date _____

Parent or Guardian Name: _____

Signature _____ Date _____

***Please check the best way to contact you about your child's progress, grades, behavior, etc.**

___ Email _____

___ Phone _____

___ Address _____

CODE OF CONDUCT

As team members in Chemistry class at Central High School, we all expect and insist upon high standards of performance and behavior from each other. We will treat each other with respect and dignity, and live up to our core values at all times. Some basic rules of conduct and corrective actions are necessary to ensure that these standards are met. A participation grade will be given at the middle and end of each nine weeks based on student compliance with the following behaviors. Each student will begin the term with a 100 and points will be deducted based on the following criteria.

The following are **Category 1** violations, which, if violated will result in a deduction of 2 points per offense.

1. Unsatisfactory participation, lack of initiative, poor performance, or sleeping in class.
2. Late work.
3. Class interruptions to include talking without permission and blurting-out.
4. Out of assigned area/Seat
5. Food/drink Violations
6. Tardy to class
7. Packing up Early/Leaving Trash
8. Complaining or Arguing
9. Being unprepared

The following are **Category 2** violations, which, if violated will result in a deduction of 5 points per offense.

1. Horseplay
2. Indecent/Offensive Language or Behavior
3. Disrespecting Teacher/Student
4. Phone Violation
5. Disregard of Safety Procedures
6. Vandalism
7. Dress Code
8. Cheating (will also result in a zero)
9. Defiance/Insubordination

The following are **Category 3** violations, which, if violated will result in a deduction of 10 points per offense and will result in an automatic office referral.

1. Fighting
2. Controlled substances
3. Property Damage
4. Harassment/bullying
5. Skipping Class
6. Skipping Detention

Corrective action(s) will result when the following grade has been reached:

- 1st Step-90: Parent Contact
- 2nd Step-80: Parent Contact +Teacher detention
- 2nd Step-70: Parent Contact +Teacher detention + Administrative Conference

SEVERE CLAUSE: Teacher discretion can be used to automatically send a student to the office.

I, _____, have read and understand the safety agreement and the course outline. I agree to comply with all the safety rules and guidelines stated below. Furthermore, I agree to follow any printed or verbal instructions given by my teacher or supervising adult during the school year. Your student will use approximately \$10.00 of disposable materials while in this class. A \$10.00 lab fee will cover the cost of chemicals, glassware, and other consumables used through the year.

Rules:

1. Be prepared to work in the laboratory. Read the experiment before coming to class and complete any pre-laboratory assignments.
2. Perform the experiments as directed. Do not do anything that is not part of the approved experimental procedure.
3. Never work without adult supervision.
4. Dress appropriately for lab.
 - a. Clothes should not be loose or floppy, especially in the sleeves.
 - b. Dangling necklaces or bracelets should be removed for lab.
 - c. Tie back long hair.
 - d. Wear shoes that cover the entire foot.
5. Wear appropriate protective equipment. Safety goggles must be worn.
6. Learn the location and operation of emergency equipment. This includes eyewashes, safety showers, fire extinguishers, sinks, and first aid supplies. Know what to do in case of an emergency.
7. Act in a responsible manner at all times. No horseplay or fooling around in the lab is allowed at any time.
8. Do not eat or drink in the lab.
9. Never taste a chemical. Check for odors only if instructed to do so.
10. Turn off your Bunsen burner or other heat source whenever you are not using it. Never leave it unattended.
11. Keep all combustible material away from an open flame.
12. Read chemical labels carefully.
13. Report all accidents, injuries and close calls to your teacher immediately.
14. Dispose of chemicals properly. No solid material goes down the drain. This includes matches. When solutions are disposed of down the drain, use plenty of water to dilute the chemicals.
15. Never return used reagents to the reagent bottles. Be careful to take just the amount you need. Never contaminate the reagents.
16. Clean up spills immediately. This includes water. Wash off chemicals splashed or spilled on your skin immediately and notify your teacher.
17. Treat all chemicals with respect. Know the hazards of each before you handle any chemical.
18. Clean up your work area, put away all equipment and reagents and wash your hands thoroughly before leaving the lab. Not cleaning up your area will cause a deduction in points on your lab grade.