

Academic Chemistry

Mr. Larry
Room 210

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Class overview:

Chemical concepts are presented with mathematics emphasized. Further emphasis is placed on the development of thinking and study skills. Laboratory work is used to reinforce or illustrate material that was developed during lecture sessions. Inquire-based learning is also incorporated in this course. Students are expected to work cooperatively with each other and develop independent study skills.

Chemistry is a difficult subject because we discuss matter that we cannot physically see ourselves but explains how everything around you on a daily basis works. You may wonder why you are taking chemistry, and why you are, is because chemistry is everywhere in the world around you including yourself. In biology, you learned about the body, cellular respiration and photosynthesis and about elements, compounds and reactions. Chemistry is taking that further and showing you how all the elements come together to make up yourself, the chair you are sitting in, the air we breathe, need I say more? Hopefully, that is answering your question, that this chemistry class will help you get a better understanding of the world around you. From discussions to activities and laboratory experiments, you should be able to apply what you learn to every day happenings around you.

Again, chemistry is a difficult subject, but I hope that we can make learning fun through fun experiments that help us with hands on learning of the topics we will cover! 😊

Classroom Rules: In order for us to have a nice friendly atmosphere, we have some rules we need in the class. We can discuss these and make new ones or adjust these if we need to:

1. Please do not speak when I or others are talking. Raise your hand unless I say you can shout out answers. **BE RESPECTFUL!!** If you want respect, you must give it to others.
2. **DO NOT TAKE ANYTHING THAT IS NOT YOURS! IF YOU BORROW SOMETHING, YOU WILL GIVE IT BACK!**
3. Each day when you arrive, you are to be seated quietly in your assigned seat with your folder, iPad, and pencil/pen ready for class.
 - a. There will be a Bell Ringer every day on the board as you enter the classroom. As soon as you enter, begin answering the question of the day.
 - b. If homework is due, turn in before we go over the bell ringer or before the deadline on Canvas. **Items will close and there will be no further submission.** Late points will be taken off.
 - c. A seat is assigned to you after the first week of class. If your seat needs to be changed for any reason, please feel free to see me and we will adjust. At any time in the year, I have the right to move seats for any reason.
4. Arrive on time and be prepared, if you come in late, come in quietly and get out whatever materials we are working on. Do not disrupt the class and put your pass in the pass box.
5. **DO NOT COPY ANY ANSWERS FROM ANYONE THIS INCLUDES SIMPLE HOMEWORK ASSIGNMENTS!** Even if you and your friends take turns doing problems and giving answers, don't. If I see it, you receive a zero and if I see the name of the other person, they will also receive a zero. Assignments are given as reviews to help you understand and learn the concepts.
6. Hall passes will only be issued before the late bell, during seatwork, or at the end of class, unless it is an absolute emergency.
 - a. You will sign out before leaving and sign back in on the clipboard and put your pass in the pass box.
 - b. **The café is a privilege and should be used during study hall, not class time!**
7. No technology out during class unless stated! If I see your phone or iPad (not being used for school work), I will give you a warning, after, **see behavioral chart** (this is in the handbook). When you are in any class, your attention needs to be on the class you are in. (This also includes headphones for music. If we are working in groups or individually, you may listen to music, but no one else should be able to hear it).
8. **Do not sit or lay on the lab tables, at any time. Do not mess with the sinks or any lab equipment on the tables!**

9. **MOST IMPORTANT TO KNOW:** Follow all rules outlined in the Student Handbook.
 - a. For write ups as stated in the Handbook along with all the violations:
 - i. First Offense: Warning is given to the student.
 - ii. Second Offense: Speak with teacher after class, Detention is assigned, and a call/e-mail is sent to parents/guardians.
 - iii. Third Offense: Write up in ABE.
 - iv. Fourth Offense: Automatic office referral.
 - v. If needed, Other Offenses: Automatic office referral for the same violation.
 - b. If student talks back/insubordinate, it will be an automatic write up to the office and a call home.

BRAVE EXPECTATIONS – Classroom Edition

Be Safe	Respect Others	Accountable	Victorious	Enthusiastic
<ul style="list-style-type: none"> ● Listen to staff ● Maintain personal space 	<ul style="list-style-type: none"> ● Be on time ● Be polite ● Use appropriate language and tone 	<ul style="list-style-type: none"> ● Be prepared ● Be honest ● Do your own work ● Use electronic devices only when permitted 	<ul style="list-style-type: none"> ● Do your best work ● Celebrate academic success 	<ul style="list-style-type: none"> ● Have a positive attitude ● Take ownership of learning

Attendance and Make-up Work: Every assignment is accessible on Canvas EXCEPT tests! READ THE WEEKLY PLAYLIST!

1. You are expected to be in chemistry class before the bell rings.
 - a. If you are late (without a pass) you will be marked as tardy and given a warning.
 - b. 3 tardy marks per 9-weeks grading period = final warning.
 - c. Each tardy after the initial 3 per 9-weeks grading period = you will be assigned an after-school detention.
2. If you are absent, it is YOUR responsibility to get your missed work! You can find your missed work in the absentee folder in the room with your name on what we had done while you were gone. Also, check Canvas on the Playlist. If it was a test or quiz, I will have it with me.
3. You will have as many days as you were absent to make up work. Tests and quizzes can be scheduled with me but need to be made up ASAP!! (**Zero's will be put in after the due date so you KNOW what you still have to do**).
4. Failure to make up work can result in a failing grade for that assignment.
5. IF YOU HAVE AN UNEXCUSED ABSENCE, THEN YOU RECEIVE A **ZERO** FOR ANY OF THE WORK YOU MISSED THAT DAY AND WILL NOT BE ABLE TO MAKE IT UP!!
6. It is your responsibility to check canvas when you are absent.
7. When work is late, points will be deducted!!!

Quizlet:

I have a Quizlet set up that you may use to copy down the vocabulary for each section. This can be used to study. There will be reviews on Quizlet as well from time to time if we do not use Kahoot.

Kahoot:

For each test, the day before we will play a review game to gauge how prepared you are for the test the next day.

Chemistry Course Materials: What you need in order to be prepared every day for class:

1. Folder or binder – to keep all handouts together to reference and use for studying.
2. Textbook: Modern Chemistry, Holt, Rinehart, and Winston. (Newer copy available on canvas)
 - a. You may take home a book when needed to complete assignments and sign one out. Textbooks will be kept in the room under each student desk.
3. Homework: Assigned problems, worksheets, lab reports, and projects will be given when deemed necessary and are due promptly at the beginning of the next class, unless stated for a later date. Late work will be taken, see above for make-up work & absences #7.
4. Pen/pencil and iPad stylus
5. Calculator (for certain topics)

Academic Integrity Clause:

The Elizabeth Forward High School Science Department has a strong focus on ACADEMIC INTEGRITY. Through this course, you are expected to hold the same. Academic misconduct is any attempt by a student to gain an academic advantage, or to help others do so, through dishonest actions. All work is expected to be your own. Any suspicion of academic misconduct will be reported to the office and will result in a failing grade for the assignment/assessment.

<ul style="list-style-type: none"> ● Try! Listen! Think! 	<ul style="list-style-type: none"> ● Use your iPad and phone for education purposes only. 	<ul style="list-style-type: none"> ● Be prepared for class each day. 	<ul style="list-style-type: none"> ● Follow all instructions given by your teacher.
<ul style="list-style-type: none"> ● Be safe in the lab. Follow proper safety procedures in the laboratory. 	<ul style="list-style-type: none"> ● Do not cheat – cheating is unacceptable. 	<ul style="list-style-type: none"> ● Avoid giving up or getting off-task. 	<ul style="list-style-type: none"> ● Do not cause damage – be respectful of school property.

Grading Policies:

1. Grade Determination

- Please refer to the school district's grading scale in your student handbooks.
- Grades will be averaged using a point system. Each project, test, homework, assignment, etc. will be worth a certain number of points. At the end of each 9-weeks grading period, the points you have earned will be compared with the total number of points possible to give you your grade.
 - $(\text{Earned points}/\text{possible points}) \times 100 = \text{your percentage grade}$
- Please check your grade online regularly. All grades are promptly recorded in the electronic gradebook, many times within one day of assignment collection. If you notice an error in the gradebook, please let me know so that I can double-check your score. **Check Canvas & Powerschool!**
- KEEP YOU ASSIGNMENTS AT LEAST FOR THE NINE WEEKS WE ARE ON. POWERSCHOOL TENDS TO DELETE GRADES AT TIMES. If I do not have a grade, you can show me the assignment I handed back so that I can re-enter the grade.
- SAVE ALL ASSIGNMENTS TO YOUR IPADS BEFORE YOU START WORKING!! DO NOT WORK STRAIGHT OFF OF CANVAS!!**

2. Tests and Quizzes

- ✓ Tests could have matching, multiple choice, short answer/essay, sometimes you may have to draw based on the concept. If you missed a test, it is **your responsibility** to see me to make it up. If you are here for the review and or knew there was a test, then **when you return to school, be prepared to take the test.** Cheating will not be tolerated and will receive a zero. You will know the test date at least one week in advance!

3. Homework

- ✓ IT IS YOUR RESPONSIBILITY TO TURN HOMEWORK IN ON TIME!! That means the day it is due you will turn it into the bin at the beginning of class, or on **Canvas before 11:59pm**. If you are absent, it is YOUR RESPONSIBILITY TO FIND OUT WHAT YOU MISSED, use the Weekly Playlist on Canvas or ask a classmate.
- ✓ Keep track of your assignments. If you are absent one day, you have one day to make it up, and so on. If you were assigned the assignment and it was due the day you were absent, it is due the day you come back! If you do not turn it in, then you will lose a point for every day it is late once turned in. **(Exception is if your absence is UNEXCUSED. The assignment becomes a ZERO and cannot be changed. See the handbook).**
- ✓ Depending on the assignment, there may be times when you are only graded based on completion and not correctness. Always do your best AND YOUR OWN WORK!!

4. Note packets

- I will have an outline of the notes that you fill in as we go for every chapter or small section we do. If you miss a day when we took notes, it is your responsibility to get them from your friend or on Canvas. From time to time, I will have a note check.
 - Use the Weekly Playlist to help you navigate and see what all we are covering this week. All files can be found in modules and on the playlist.

5. Projects

- Throughout the school year, there may be a few projects that you will be assigned. There will always be a rubric with any project or report for you to check off what all is expected. The rubric will be on Canvas.

6. Articles

- ✓ You will be assigned to read 2 articles per nine weeks. With the articles, you will use Newsela App, Flipboard App, any magazines, newspapers, etc., and find something that interests you. You then need to complete the following:
 - Write your name, title of article and date it was published.
 - 1 paragraph summary of what you read.
 - 1 paragraph where you relate to the article and give your reaction.
 - What questions was the author trying to answer?
 - List 10 chemistry related facts mentioned in the article and number them. List facts that you now understand as a result of taking chemistry.
 - What questions arose during the study? What lies ahead in the study? If no questions came from the author, what questions occurred to you?

7. Activities/Lab Experiments

- You will be responsible for doing and completing activities and laboratories during class. If you miss a lab, make it up during a study hall or after school. **If not completed BEFORE it is cleaned up, you will complete the virtual lab. NO ONE will be exempt because they were absent!** Lab experiments will have pre and post lab questions that are to be answered regarding the lab and turned in to show what you have learned from the discussions and the lab/activity. **I am looking to see what YOU LEARNED! NOT a copy of what someone else has written.**
- **YOU ARE TO WORK IN GROUPS OF 2. IF THIS IS A PROBLEM, I WILL ASSIGN GROUPS.**
 - **In a few instances we may need a group of 3 depending on class size. If there is a problem again with figuring out groups, I will assign groups.**
 - **If you cannot behave and follow rules, you, your group or entire class will do the alternate virtual labs!**

Tentative Course Schedule:

Depending on pace, we may get through more material in a nine weeks section.

1 st Nine Weeks	2 nd Nine Weeks
Lab Safety and Technique Chapter 1: Matter and Change Chapter 2: Measurement and Calculations	Chapter 3: Atoms – The Building Blocks of Matter Chapter 4: Arrangement of Electrons in Atoms
3 rd Nine Weeks	4 th Nine Weeks
Chapter 5: The Periodic Law Chapter 6: Chemical Bonding	Chapter 7: Nomenclature & Chemical Formulas Chapter 8: Chemical Equations and Reactions

Extra Help:

As I stated at the beginning of the syllabus, this is a difficult topic and at times you may feel frustrated...remember, I was you at one point in time not too long ago. I am here to help you more one on one if you need me for any extra help. All you have to do is ask and we can work out a time to try to help out, even if it is to just re-explain. If it helps, we can also start a peer tutor with someone in the room that could help if you learn better from a fellow peer that is in the class or another class I have. Sometimes, it is easier to learn from a friend because they may be able to explain a concept in a different way than I can think of. Whatever the cause, I am here to help with the class as best I can to help you succeed!

Now let's make this a great year!! :D

Dear Parents or Guardians:

I am your son's/daughter's Chemistry teacher, Mr. Larry and I am extremely excited to begin working with each and every one of my students! I am sending home this information regarding my classroom expectations and requirements for the upcoming year with the students along with safety rules and procedures of how to behave and handle equipment in the laboratory setting. I want your students to know how to be safe while still learning chemistry hands on through inquiry work.

Please make sure to read through the syllabus and the safety materials and sign the safety sheet that needs to be turned in to me before the students can go into the laboratory as soon as possible.

If you have any questions, concerns or would like to e-mail or call me during the year, you can reach me at my e-mail and phone number for the school.

Thank you!

Mr. Larry
EFHS Chemistry/Environmental Science
Room 210
nlarry@efhs.net

Mrs. Rose ---Chemistry/Environmental

Please return ASAP

Student's Name _____

Parent(s)/Guardian(s) name (print) _____

Parents/Guardians E-mail (print) _____

Phone number to be reached if there is a problem _____

Should I need to contact you...

What is the best method of contact (email/phone)? _____

What is the best time of day to contact you? _____

Do you allow for your student to be photographed? _____

In the space provided below or on the back of this form, please feel free to indicate any other information you would like me to know about your student.