

Chemistry 11

January to April 2022 Period 3

Instructor: Mr. Sheldon

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Room: 116

About the Course

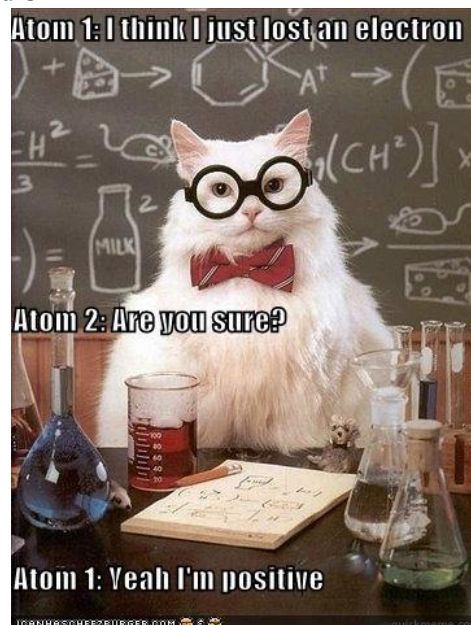
Chemistry is the study of connections between the everyday world and the molecular world. Chemists use atoms and molecules to explain properties and behaviors of matter.

Distribution of Marks

| | |
|------------------------|-----|
| Homework/Participation | 20% |
| Quizzes | 20% |
| Assignments and Labs | 30% |
| Projects and Tests | 30% |

Course Content

There are a total of 7 units in chemistry 11. There will be a test at the end of each unit.



| | |
|---|-------------------------|
| Unit 1: Safety, Skills, and Measurement | January 10 -14 |
| Unit 2: The Nature of Matter | January 17 - 21 |
| Unit 3: Mole Concept | January 24 - February 4 |
| Unit 4: Chemical Reactions | February 7 - 18 |
| Midterm Exam | February 22 - 25 |
| Unit 5: Atomic Theory | February 28 – March 18 |
| Unit 6: Solution Chemistry | March 21 - 25 |
| Unit 7: Organic Chemistry | March 28 – April 8 |
| Final Exam | April 11 - 13 |

Homework

Will be assigned a few times a week. It is used to check for your understanding and to make any corrections. Homework assignments are scored out of 2, based on the following:

| | | |
|--|----------------------------|-----------------------------------|
| 0 | 1 | 2 |
| Incomplete, copied, or completed after the chapter | Late or partially complete | All questions have been attempted |

Expectations

- *Attend classes on time and prepared to learn.
- *Write down notes – you will remember and learn the material better.
- *Do not give up! I am here to help you learn, and you are here to do your very best.
- *I expect your attention and respect while I teach; I am free to take away any phones that are out.
- *Speak English when you are in class. Daily practice is the only way to improve.
- *See me after class if you need any extra help or have any questions.

Quizzes

I will have short quizzes about 2 times a week. The quizzes are for me to check your understanding, and for you to practice what you have learned. The quizzes will mostly be done online through Forms and Quizizz.

Labs

Experiments are important learning tools for chemistry and necessary for the scientific process. However, we will be needing to replace physical labs with virtual labs online. We will also be finding applications of the Chemistry we learn to real life.

Missed Classes

If you miss a class, it is your responsibility to catch up on the missed material and homework. Class material is available online, however, much of your mark is dependant on Class Participation.

Technology in the Classroom

Since our course will be taking place online, we will be using a lot of technology to assist in our learning, including graphing tools, online research, and simulations. Please let me know if you need any help using any of these tools.

I do expect to have your attention during class meetings.

Cheating and Plagiarism

Plagiarism and cheating will NOT tolerated. First offence everyone involved gets zero. Second offence everyone involved will be asked to leave the course. I will often ask you to work together, but you cannot copy each others work. When working together, you must show all your work and have individual responses to questions. In particular, Lab Reports will have the same raw data, however you must do the steps of the calculations, data manipulation, and analysis yourself.

Online Resources

www.colgurchemistry.com – Colgur Chemisry (notes, assignments with answer keys, videos, etc)

<http://bcchemistryinteractions.wikispaces.com/> – Chemistry 11 interactive notes

<https://www.khanacademy.org/> Free video lessons on almost any topic!

<https://kitsmini.wordpress.com/chemistry-11/>