

Due to Covid-19 restrictions, labs will consist of demonstrations and/or virtual labs. In the event that these restrictions are lifted the following safety rules will apply when in the classroom.

(<http://static.nsta.org/pdfs/SafetyInTheScienceClassroomLabAndField.pdf>)

Please use a three ring binder for this class.

Grade Value of Assessments and Assignments

- Attendance/Participation Grades 40%
- Labs and Assignments 30%
- Tests and Projects 30%

Grading Scale:

A 90-100%	Exceeds standard: demonstrates exceptional understanding of standards
B 80-89%	Mastery of standard: demonstrates a mastery level understanding of the standards
C 70-79%	Below the standard: shows some understanding, but is not meeting the standards
D 60-69%	Missing the standard: shows little to no understanding of the standards
F 00-59%	Far below showing understanding of the standards

Chemistry is the study of material substances and how these materials react with one another. This course covers chemistry concepts with mathematical applications by building a solid foundation through laboratory activities, critical thinking and problem solving. This course meets high school graduation requirements and exceeds state standards.

Course Outline:

The course will include, but is not be limited to the following topics:

- Lab safety
- Scientific Method
- Scientific Measurement
- Matter
- Atomic Structure/Theory
- Origin of the Elements/Nuclear Chemistry
- Energy
- Periodic Table/Trends
- Bonding Theory
- Ionic Bonds
- Covalent Bonds
- Chemical Names and Formulas
- Chemical Quantities/Stoichiometry
- Chemical Reactions
- Solubility
- Human Sustainability
- Electromagnetic Radiation
- Dimensional Analysis

Corrales International School

Chemistry 2020-21

Ms. Scharrer

Student Responsibility

1. I will be positive.
2. I will be engaged.
3. I will show respect.
4. I will participate.
5. My actions...my consequences.

Textbooks and Outside Resources

<https://www.khanacademy.org/>

<https://www.youtube.com/playlist?list=PL8dPuuaLjXtPHzzYuWy6fYEaX9mQQ8oGr>

<https://www.youtube.com/user/tdewitt451/playlists>

https://flexbooks.ck12.org/cbook/ck-12-chemistry-flexbook-2.0/?_ga=2.152254330.2113548019.1596929185-1989911387.1596656237

GOOGLE CLASSROOM

Google Classroom Etiquette

1. Be on time! Log on 15 minutes early and have notes, paper and pencil ready. Is your computer charged?
2. Be prepared. Have your camera on and greet your teacher and classmates.
3. Be an active listener. Take paper notes if needed.
4. Be respectful. Use the thumbs up or clapping hands rather than interrupting someone.

How to log on to Google Classroom.

1. Go to classroom.google.com and click **Go To Classroom**
2. Enter your CIS email & click **next**.
3. If there is a welcome message, review it and click **Accept**.