

CHEMISTRY A

Instructor: Mr. Jung

Contact: (323) 832 – 4700

E-Mail: ojung@lausd.net

Extra Help: I am available for Extra Help before school, during break, lunch and after school with prior arrangement made with the teacher.

Course Description

Chemistry is the science that deals with the materials of the universe and the changes that these materials undergo. Students will see how chemistry permeates all aspects of our lives, from everyday activities like the combustion reaction in gas stoves to more advanced topics like the development of drugs to treat diseases like AIDS and cancer.

This chemistry course places emphasis on chemical theory, practical applications, and problem solving. Chemistry concepts and scientific skills will be developed through the study of matter, energy, chemical bonding, and chemical reactions. The California Chemistry Standards will be integrated through laboratory and lecture methods using both group and individual activities.

Required Materials:

- Pen and Pencil.
- Composition Book or Notebook
- Paper

Classroom Rules:

In addition to all school rules, we will observe the following rules in this classroom:

1. Be on time. Class will start promptly at the sound of the bell.
2. Turn off the sound/ringers on all mobile devices.
3. Put away your mobile devices and electronic devices in your backpack.
4. Be open and learn from your mistakes.
5. Be positive.
6. Be prepared.
7. Be polite.
8. Be productive.

Notebooks: Students will maintain a neat and well-organized class notebook. Students will take lecture and reading notes in notebook, as well other assignments. Checks of notebooks will occur periodically.

Grading Policy:

Homework	20 %
Quizzes	10 %
Lab/Projects	10 %
Participation	10 %
Tests	50 %

Grading Formula: $\frac{\text{Your Accumulated Points}}{\text{Total Possible Points}} \times 100\%$

100 – 90 %	A
89 – 80 %	B
79 – 70 %	C
69 – 52 %	D
51% and below	F

Signing below indicates that you have read and understand the information contained in the **2014 – 2015 Bell High School Chemistry Syllabus**.

Student's Name: _____ Class Period: _____
(Please Print)

Student's Signature: _____ Date: _____

Parent's Name: _____
(Please Print)

Parent's Signature: _____ Date: _____

Special Needs of the Student:

Dear Parent(s)/Guardian(s),

I want to welcome you and your student into this school year. It will be a challenging year but it will also be a rewarding year!

Chemistry is the science that deals with the materials of the universe and the changes that these materials undergo. This course is highly recommended for college-bound students and a must for science related careers. Students will see how chemistry permeates all aspects of our lives, from everyday activities like the combustion reaction in gas stoves to more advanced topics like the development of drugs to treat diseases like AIDS and cancer.

This chemistry course places emphasis on chemical theory, practical applications, and problem solving. Chemistry concepts and scientific skills will be developed through the study of matter, energy, chemical bonding, and chemical reactions. The California Chemistry Standards will be integrated through laboratory and lecture methods using both group and individual activities.

In addition, students will also learn the following techniques:

- maintaining a laboratory notebook
- writing laboratory reports documenting experiments
- using balances
- Bunsen burners
- titrations
- extraction
- distillation
- crystallization

I would like to ask for your help to encourage your student to keep up with the work and discipline required for this class. Students will have work every night: homework, reading, or merely studying. Together we will be able to achieve your student's academic goals!

If you have any questions, you can always reach me by phone at (323) 832 - 4700 and by e-mail at **ojung@lausd.net**.

Best regards,

Mr. Jung

Please sign below demonstrating that you have read and understand the information contained in the **2014 – 2015 Bell High School Chemistry Syllabus**.

(Please list any special needs your child may have in the space provided.)

*Por favor firme aquí demostrando que usted ha leído y entendido la información contenida en el plan de estudios de **2014 – 2015 Bell High School Chemistry**.*

(Favor de indicar cualquier necesidad especial que su hijo/a pueda tener en el espacio provisto)

Student's Name: _____ Class Period: _____
(Please Print)

Student's Signature: _____ Date: _____

Parent's Name: _____
(Please Print)

Parent's Signature: _____ Date: _____

Special Needs of the Student:

Estimados Padres y Tutores,

¡Quiero darle la bienvenida a usted y su hijo/a en este año escolar. Será un año difícil pero también será un año gratificante y divertido!

La química es la ciencia que se trata de los materiales del universo y los cambios que le ocurren a estos materiales. Este curso es altamente recomendable para estudiantes que desean ir a la universidad y un deber para las carreras relacionadas con la ciencia. Los estudiantes verán cómo la química impregna todos los aspectos de nuestras vidas, desde las actividades diarias como la reacción de combustión en estufas de gas a temas más avanzados como el desarrollo de medicamentos para tratar enfermedades como el SIDA y el cáncer.

Este curso de química se pone énfasis en la teoría química, las aplicaciones prácticas y resolución de problemas. Conceptos de química y habilidades científicas se desarrollarán a través del estudio de la materia, la energía, enlaces químicos, y las reacciones químicas. Las Normas del estado de California en la materia de Química se integrarán a través de métodos de laboratorio y clases utilizando actividades grupales e individuales.

Además, los estudiantes también aprenderán las siguientes técnicas:

- mantener un cuaderno de laboratorio
- la redacción de informes de laboratorio que documentan los experimentos
- utilización de balanzas
- quemadores Bunsen
- extracción
- destilación
- cristalización

Me gustaría pedir su ayuda para animar a su hijo/a a mantenerse al día con el trabajo y la disciplina necesaria para esta clase. Los estudiantes tendrán trabajo todas las noches: tarea, lectura, o simplemente estudiar. ¡Juntos seremos capaces de lograr las metas académicas de su hijo/a! Si usted tiene alguna pregunta, siempre puede ponerse en contacto conmigo por teléfono al (323) 832 – 4700 y por correo electrónico a ojung@lausd.net.

Atentamente,

Sr. O. Jung