



Phone: 713-688-1361

Website: [www.houstonisd.org/waltrip](http://www.houstonisd.org/waltrip)

## PRE AP-CHEMISTRY SYLLABUS

Instructor: Mr. Luis F Nino

Room 3103

Conference hour: 5<sup>th</sup>, 6<sup>th</sup> period Tel: 713 6881361

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Chemistry is a course designed to allow students to learn about matter and the changes it undergoes. In this course, students will conduct field and laboratory investigations and use critical thinking, in addition to problem-solving skills. The students will prepare a portfolio. We will be following the design of units according to PAP College Board.

THE BOOK Electronic version in CANVAS

Modern Chemistry – Houghton Mufflin Harcourt

The electronic version of the textbook will be used for both parts of the course.

### GRADING

The grading scale will be the same as the scale used by the District.

90-100 A    80-89 B    75-79 C    70-74 D    below 70 F

### GRADING POLICY

- 1) Grades are based on daily work, quizzes, tests and performance-based assessment

Tests, Projects	35.0 %
Labs, Quizzes	30.0 %
Classwork, Homework	25.0 %
Daily participation	10.0 %
- 2) Class work includes assignments, reflections, and any tasks performed in the classroom.
- 3) Daily work submitted within the deadline will receive a maximum of 100%, late work will decrease the grade by 10 points per day late, max. 4 days. 5 or more days is a zero.
- 4) Common assessment is a test given to all Chemistry students of the school. The test is given at least 2 times every cycle (6 weeks).
- 5) Make-up tests and work are given during tutorials time. Student will have a reasonable opportunity to make up or redo a class assignment or exam for which he or she received a failing grade.

## LABORATORY SAFETY

Each student is required to pass a laboratory safety test with at least 70% accuracy. If the student does not pass the safety test, the student will not be allowed to participate in laboratory activities until he do so. In addition to the lab safety test, each student and parent will be required to sign a Lab safety contract, stating the student has passed the test and will practice safe habits in the laboratory environment. Use of mask is voluntary.

## HOMEWORK

When homework is assigned, the student is expected to have the work completed upon entering the class the next meeting day.

## CLASS RULES

**Be on time and participate in the class**

**Be prepared (Laptop, pencil, pen, notebook, e-Textbook daily).**

All students will be silent and respectful while other students read aloud

**Respect the Adult in charge, yourself and your Peers.**

**Cellphones are not allowed during class time unless requested by the teacher. Playing games, texting or watching any videos not approved by the teacher are not allowed during classtime.**

## MATERIALS

Pen

Pencil

Writing paper

Metric ruler

Composition Notebook

All work is required to have a proper heading

## Plagiarism, Cheating, and Academic Integrity

Work in groups is encouraged. Avoid plagiarism and cheating. This is a great year with a lot of challenges, and we will conclude it with success.

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Parent Signature

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Student name

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Date

## Chemistry Outline 2022 - 23

# Chemistry Course Syllabus 2022-23

UNIT 1	Structure and Properties of Matter	UNIT 2	Chemical Bonding and Interactions	UNIT 3	Chemical Quantities	UNIT 4	Chemical Transformations
~30 Class Periods Pre-AP model lessons provided for approximately 50% of instructional time in this unit	~40 Class Periods Pre-AP model lessons provided for approximately 40% of instructional time in this unit	~30 Class Periods Pre-AP model lessons provided for approximately 30% of instructional time in this unit	~40 Class Periods Pre-AP model lessons provided for approximately 30% of instructional time in this unit	~30 Class Periods Pre-AP model lessons provided for approximately 30% of instructional time in this unit	~40 Class Periods Pre-AP model lessons provided for approximately 30% of instructional time in this unit	~40 Class Periods Pre-AP model lessons provided for approximately 30% of instructional time in this unit	~40 Class Periods Pre-AP model lessons provided for approximately 30% of instructional time in this unit
KEY CONCEPT 1.1 Particle View of States of Matter	KEY CONCEPT 2.1 Classification and Interactions of Matter	KEY CONCEPT 3.1 Counting Particles in Substances	KEY CONCEPT 4.1 Precipitation Chemistry	KEY CONCEPT 3.1 Counting Particles in Substances	KEY CONCEPT 4.1 Precipitation Chemistry	KEY CONCEPT 3.1 Counting Particles in Substances	KEY CONCEPT 4.1 Precipitation Chemistry
Learning Checkpoint 1	Learning Checkpoint 1	Learning Checkpoint 1	Learning Checkpoint 1	Learning Checkpoint 1	Learning Checkpoint 1	Learning Checkpoint 1	Learning Checkpoint 1
KEY CONCEPT 1.2 Phase Changes and Particle Interactions	KEY CONCEPT 2.2 Learning Objectives 2.2.A.1-2.2.C.1 Molecular Structure and Properties	KEY CONCEPT 3.2 Counting Particles in Chemical Reactions	KEY CONCEPT 4.2 Oxidation-Reduction Chemistry	KEY CONCEPT 3.2 Counting Particles in Chemical Reactions	KEY CONCEPT 4.2 Oxidation-Reduction Chemistry	KEY CONCEPT 3.2 Counting Particles in Chemical Reactions	KEY CONCEPT 4.2 Oxidation-Reduction Chemistry
Learning Checkpoint 2	Learning Checkpoint 2	Learning Checkpoint 2	Learning Checkpoint 2	Learning Checkpoint 2	Learning Checkpoint 2	Learning Checkpoint 2	Learning Checkpoint 2
Performance Task for Unit 1	Performance Task for Unit 2	Performance Task for Unit 3	Performance Task for Unit 4	Performance Task for Unit 3	Performance Task for Unit 4	Performance Task for Unit 4	Performance Task for Unit 4

\*taken from collegeboard.org Pre-AP Chemistry course