Note:

A Chemistry Diagnostic Test will be given out in mid or late-March for students intending to take the Honour class in the following school year. A meeting for these students is scheduled for late February or early March (right after Winter Break) and a package of notes covering the first unit (Unit 1: Basic Chemistry) will be given out to prepare for this test.

Prerequisites:

Regular Chemistry

- Passed Freshmen / Honour Physics.
- Passed Algebra I and have taken or taking Geometry concurrently.

Honour Chemistry

- ➢ A minimum grade of **"B" in Freshmen / Honour Physics.**
- ➢ **Passed Geometry and taking Algebra II concurrently (or have passed Algebra II).**
- ➢ Achieved an **acceptable standard in the Honour Chem Diagnostic Test**
- ➢ **Recommendation from another science teacher** (Mrs. Parker, Mr. Trudelle, or Mr. Bessin).
- ➢ ***OR*** **have** ***passed Regular Chemistry*** with a minimum of **"B+".**

AP Chemistry

- ✓ A minimum grade of **"B+" in Freshmen / Honour Physics.**
- ✓ **Passed Geometry and Algebra II, and taking Pre-Calculus concurrently (taking Calculus concurrently is highly recommended).**
- ✓ ***Passed Honour Chemistry*** with a minimum grade of **"B–".**

WOODSIDE PRIORY SCHOOL
ORA ET LABORA
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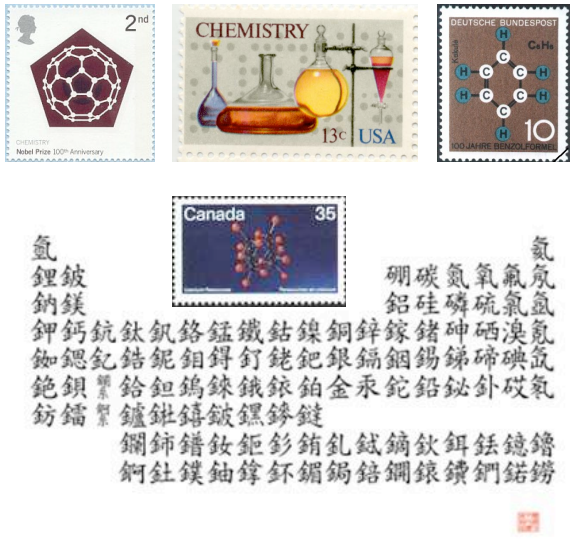
CHEMISTRY COURSES

AT

WOODSIDE PRIORY SCHOOL



(Effective from 2019)

Regular Chemistry

This UC approved science course is designed to provide students with the very basic knowledge of chemistry and how it affects technology, environment and society. There will be some math skills required. Students should have **passed Algebra I and have taken or taking Geometry**.

Who should take this course?

Students who traditionally struggle with math and sciences, and have no intention to study in the areas of science and math related majors in college.

* If your junior schedule is loaded up with other core or AP classes, you might want to consider taking Chemistry during your senior year instead.

What will I get out of taking Chemistry?

Students will fulfill the graduation requirement of Woodside Priory School. They will develop an appreciation of chemistry as an integral subject in all aspects of sciences in the modern world. This course does ***not*** intend to give students a head-start in college chemistry or biology. They are ***not*** recommended to take the SAT II in Chemistry at the completion of this course.

Honour Chemistry

This course is designed for students who intend to take AP Chemistry in their senior year and/or pursue a science related major in a post-secondary institution. There will be a fair bit of math skills required in this course. As such, students should have **passed Geometry and have passed / are taking Algebra II concurrently.** *(There will be a small diagnostic test to assess students' science and math aptitudes in the prior school year – see the back of this brochure)*.

Who should take this course?

Honour Chemistry is catered to students who find learning math and sciences interesting and without much difficulty. They have an intention to study in areas related to science and math in college. ***They like to be well prepared for college sciences but do not want to meet the challenging demands of AP Chemistry***.

In some colleges, an introductory chemistry or biology course is required in the freshmen year to fulfill their graduation requirements. ***Taking Honour Chemistry might ease the transition between high school sciences and college sciences.***

* If you would like to take Honour Chemistry but your schedule presents a conflict, you may take it during your senior year at the Priory.

What will I get out of taking Honour Chemistry?

Besides fulfilling the graduation requirement, students will attain skills and knowledge equivalent to most *colleges' first semester chemistry courses*. They will be able to take their college introductory chemistry courses with ease. Students who take the SAT II in Chemistry usually score above 620 after taking Honour Chemistry.

AP Chemistry

As recommended by the College Board, this is a second year high school chemistry course. This course is designed for students who have decided to undertake a math or science related major in a post-secondary institution. There will be a lot of math and students **must be taking Pre-Calculus concurrently. (It is preferred that students are taking Calculus concurrently.)**

Who should take this course?

AP Chemistry is for students who show an unbridled enthusiasm in learning math and sciences. These students are characterized by their quick understanding of new math and science concepts, be it conceptual or analytical. They do not find learning math and sciences difficult, but enjoy any challenges they encounter. More importantly, they have already made up their minds to major in the areas of science and math in college.

In some colleges, first-year course credits are awarded to AP Chemistry students who have scored a 4 or 5 on the AP Exam (with the completion of all recommended lab reports). Please consult the web pages of your choice colleges for more information.

* It is possible to take AP Chemistry and AP Physics concurrently. This is because all students would have taken Honour Chemistry, and they would have enough background in chemistry that we do not need the AP Tutorial time on Fridays.

What will I get out of taking AP Chemistry?

Students who have successfully completed this course will realize skills and knowledge equivalent to most *post-secondary first year chemistry*. They will definitely find any first year college chemistry course very easy, and are more than ready to tackle second year chemistry classes such as organic chemistry. Students who take the SAT II in Chemistry usually score above 720 after taking AP Chemistry.