

Tokyo International Progressive School

Grade 11, Chemistry Course Outline

2022-2023

Mr. Tomlinson, Room 35



DESCRIPTION OF COURSE

This course will explore the wonders of chemistry. Students will learn the properties and characteristics of atoms and how they interact with one another to create compounds that are useful in our everyday life. Through practical lab experience, they will learn to identify, measure and quantify desired compounds within a reaction.

The textbook for this course is Pearson Chemistry.

STUDENT EXPECTATIONS

You must bring to class:

- Pencil
- Eraser
- Ruler
- Pen
- Laptop
- Headphones
- Agenda
- Science Binder or Notebook
- Lab Notebook
- Relevant grading sheets/worksheets/textbooks
- Work due

Getting ready: When you come into class, get all of your materials out on the table in front of you, including your homework. To be on time for class, you must be at your desk with your materials out by the end of the bell. Please put any personal equipment in your bag and then put your bag safely under the table.

Textbook: A textbook will be given to each individual. If a numbered lent textbook is not returned in usable condition by the required date, your family will be asked to pay for a replacement for the book.

Homework: Please write your homework task down in your agenda.

Late Daily Work: Any daily assignments that are not submitted the following day, will receive a zero in their daily work mark. The mark will be changed upon submission of the assignment.

Late Projects: Any projects/lab reports that are late, without having made arrangements with the teacher at least one week prior, will have 2% of their total mark for that assignment deducted for each day it is late.

Tests: If you miss a test and did not discuss your absence with the teacher at least one week before the test or have a note explaining your absence, you will receive a zero on that test. There is no option to redo a test.

EARNING YOUR GRADE

Your grade will be determined by your work in these categories:

Grade Category	Percentage of your grade
Quiz	20%
Daily Work	30%
Project	30%
Test	20%

The grading scale for this course will be:

Letter grade	Mark range
A+	97-100
A	92-96
B+	88-91
B	83-87
C+	79-82
C	74-78
D+	70-73
D	65-69
F	64 or below

IMPORTANT DATES

Assessment	Date
Unit 1 - Intro to Chemistry	September 9
Unit 2 - Scientific Measurements	September 30
Unit 3 - Atomic Structure	October 14
Unit 4 - Light and Electron Configuration	October 28
Unit 5 - Organizing the Elements	November 10
Unit 6 - Chemical Bonds	November 25

Unit 7 - Nomenclature	December 15
Midterm Exam	January 14
Unit 8 - Chemical Reactions	February 3
Unit 9 - Stoichiometry	March 3
Unit 10 - States of Matter	March 17
Unit 11 - Gas Laws	April 14
Unit 12 - Thermochemistry	May 12
Unit 13 - Solutions: Acids and Bases	June 2
Final Exam	June 14