

# Tokyo International Progressive School

## Grade 10, Physical Science 2 Course Outline

2022-2023

Mr. Tomlinson, Room 35



### DESCRIPTION OF COURSE

This course prepares students for Grade 11 Chemistry. Through hands-on labs and active discussions, students will explore the properties and behaviors of matter. The topics that will be covered include properties and classification of matter, states of matter, chemical bonds, nomenclature of chemicals, chemical reactions, nuclear changes, solutions and organic compounds.

The textbook for this course is Glencoe Physical Science.

### STUDENT EXPECTATIONS

You must bring to class:

- Pencil
- Eraser
- Ruler
- Pen
- Laptop
- Headphones
- Agenda
- Science Binder or 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 SI Units and Significant Figures	September 9
Unit 2 - States of Matter	September 30
Unit 3 - Classification of Matter	October 14
Unit 4 - Atoms and the Periodic Table	October 28
Unit 5 - Elements and their Properties	November 10
Unit 6 - Organizing the Elements	November 25
Unit 7 - Chemical Bonds	December 15
Midterm Exam	January 14

Unit 8 - Nomenclature	January 28
Unit 9 - Chemical Reactions	February 24
Unit 10 - Nuclear Changes	March 17
Unit 11 - Solutions	April 7
Unit 12 - Acids, Bases and Salts	May 3
Unit 13 - Organic Compounds	May 19
Unit 14 - New Materials Through Chemistry	June 2
<b>Final Exam</b>	<b>June 14</b>