

Tokyo International Progressive School
Grade 9 Science Course Outline 2023-2024

Mrs. Priya Pillai Room 35



DESCRIPTION OF COURSE

Grade 9 Science will promote curiosity in the scientific streams of physics, chemistry, Earth science, and space science through a variety of interactive and hands-on activities.

The science course helps students develop abilities and skills that are useful in everyday life, encourages safe working practice and promotes effective communication. It provides constant opportunities for students to identify valid sources of information, work effectively as group members and use technology to access, filter, and retrieve information effectively.

The title of the textbook used for this course is *Glencoe Physical Science with Earth Science*.

STUDENT EXPECTATIONS

You must bring to class:

- ✓ Pencil
- ✓ Eraser
- ✓ Ruler
- ✓ Pen
- ✓ Laptop
- ✓ Scientific calculator
- ✓ Headphones
- ✓ Agenda
- ✓ Science Binder or Notebook
- ✓ Lab Notebook/Science Journal.
- ✓ 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

No food is allowed in the classroom. Students are permitted to bring closed containers of water to the classroom.

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+	98-100
A	93-97
B+	90-92
B	85-89
C+	82-84
C	77-81
D+	74-76
D	70-73
F	69 or below

IMPORTANT DATES

UNITS	CHAPTER	NAME OF THE CHAPTERS	DATES
UNIT-1	1	THE NATURE OF SCIENCE	
	2	SCIENCE AND TECHNOLOGY	
	3	MOTION	
	4	FORCES AND NEWTON'S LAWS OF MOTION	
		UNIT- 1 EVALUATION	05.10.2023
		PROGRESS TEST -1	12.10.2023
UNIT-2	5	ENERGY	
	6	WORK AND ENERGY	
	7	THERMAL ENERGY AND STATES OF MATTER	
	8	ELECTRICITY	
	9	MAGNETISM	
	10	ENERGY SOURCES AND THE ENVIRONMENT	
		UNIT 2 EVALUATION	12.01.2024
		PROGRESS TEST -2	19.01.2024
UNIT-3	11	WAVES	
	12	SOUND	
	13	ELECTROMAGNETIC WAVES	
	14	LIGHT	
	15	MIRRORS AND LENSES	
		UNIT 3 EVALUATION	26.03.2024
		PROGRESS TEST-3	01.04.2024
UNIT-4	16	EARTH-THE INSIDE STORY	
	17	EARTH'S MATERIALS:ROCKS AND MINERALS	
	18	EARTH'S CHANGING SURFACE	
	19	WEATHER AND CLIMATE	
		UNIT 4 EVALUATION	20.05.2024
		PROGRESS TEST -4	27.05.2024
		SCIENCE EXHIBITION WEEK	03.06.2024

Disclaimer-Please note- Dates may subject to change.