

Tokyo International Progressive School

Grade 10 Science Course Outline 2023-2024

Mrs. Priya Pillai Room 35



DESCRIPTION OF COURSE

Grade 10 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.

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+ | 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 | SOLIDS LIQUIDS AND GASES | |
| | 2 | CLASSIFICATION OF MATTER | |
| | 3 | PROPERTIES OF ATOMS AND THE PERIODIC TABLE | |
| | 4 | ELEMENTS AND THEIR PROPERTIES | |
| | | UNIT- 1 EVALUATION | 25.10.2023 |
| | | PROGRESS TEST -1 | 31.10.2023 |
| UNIT-2 | 5 | CHEMICAL BONDS | |
| | 6 | CHEMICAL REACTIONS | |
| | 7 | NUCLEAR CHANGES | |
| | | UNIT 2 EVALUATION | 10.01.2024 |
| | | PROGRESS TEST -2 | 16.01.2024 |
| UNIT-3 | 8 | SOLUTIONS | |
| | 9 | ACIDS,BASES AND SALTS | |
| | 10 | ELECTROMAGENTIC WAVES | |
| | 11 | NEW MATERIALS THROUGH CHEMISTRY | |
| | | UNIT 3 EVALUATION | 28.03.2024 |
| | | PROGRESS TEST-3 | 03.04.2024 |
| UNIT-4 | 12 | THE EARTH-MOON-SUN SYSTEM | |
| | 13 | THE SOLAR SYATEM | |
| | 14 | STARS AND GALAXIES | |
| | | UNIT 4 EVALUATION | 24.05.2024 |
| | | PROGRESS TEST -4 | 29.05.2024 |
| | | | |
| | | SCIENCE EXHIBITION WEEK | 03.06.2024 |

Disclaimer-Please note- Dates may subject to change.