

Tokyo International Progressive School

Grade 9 Science Course Outline

2022–2023

Jason Wan, Room 25

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

Students need to bring **pencils, an eraser, their textbook, and a notebook** to class.

At the beginning of the school year, you will be issued a textbook. If this textbook is not returned in usable condition by the required date, your family will be asked to pay for a replacement.

Work that is submitted late will be penalized 2% per workday.

Quizzes will be given at the end of every week.

To encourage learning from one's mistakes, students have the opportunity to fix mistakes on tests. For each corrected mistake, students may earn half a point.

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

Dates are subject to change.

Assessment	Date
Chapter 1 progress test - The Nature of Science	September 2
Chapter 2 progress test - Motion	September 21
Chapter 3 progress test - Forces	October 7
Chapter 4 progress test - Work and Energy	October 28
Chapter 5 progress test - Thermal Energy	November 9
Chapter 6 progress test - Electricity	November 25
Chapter 7 progress test - Magnetism	December 15
Chapter 8 progress test - Energy Source and the Environment	January 27
Chapter 9 progress test - Introduction to Waves	February 17
Chapter 10 progress test - Sound	March 10
Chapter 11 progress test - Electromagnetic Waves	March 30
Chapter 12 progress test - Light	April 14
Chapter 13 progress test - Mirrors and Lenses	May 12
Review Test	June 9