

Tokyo International Progressive School

Grade 9 Science Course Outline

2021-2022

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 - Intro	September 3
Chapter 2 progress test - Motion	September 17
Chapter 3 progress test - Forces	October 1
Chapter 4 progress test - Mechanical Energy	October 20
Chapter 5 progress test - Thermal Energy	November 9
Chapter 6 progress test - Electricity	December 3
Chapter 7 progress test - Magnetism	December 16
Chapter 9 progress test - Intro to Waves	January 21
Chapter 10 progress test - Sound Waves	February 4
Chapter 11 progress test - EM Waves	March 4
Chapter 12 progress test - Light	March 18
Chapter 25 progress test - Earth's Internal Processes	April 15
Chapter 26 progress test - Rocks and Minerals	May 13
Chapter 28 progress test - Weather and Climate	June 10