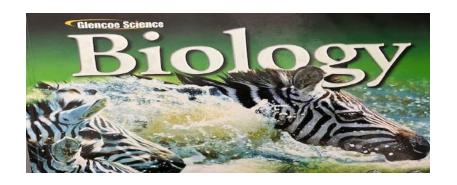
Tokyo International Progressive School

Grade 12, Biology Course Outline 2023-2024

Mrs Priya Pillai , Room 35



DESCRIPTION OF COURSE

This course will cover a basic understanding of biology, chemistry, structure of cells and how they communicate, energy conversions, cell reproduction, genetics, gene expression, genetic engineering, origin of life, changes in organisms, ecosystems and succession, environmental problems and solutions, and the classification of living things. The textbook for this course is Glencoe Science Biology.

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 thetable.

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 intheir 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 teacherat 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 redoa 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+	98–100
А	93-97
B+	90-92
В	85-89
C+	82-84
С	77-81
D+	74-76
D	70-73
F	69 or below

IMPORTANT DATES

BIOLOGY-1				
UNITS		CHAPTERS	DATES	
UNIT-1	1	THE STUDY OF LIFE		
	2	ECOLOGY		
	3	COMMUNITIES,BIOMES, AND ECOSYSTEMS		
	4	POPULATIONS		
	5	BIODIVERSITY AND CONSERVATION		
		UNIT-1-EVALUATION	11.09.2023	
		PROGRESS TEST-1	15.09.2023	
UNIT-2	6	CHEMISTRY REVIEW		
	7	CELLS		
	8	CELLULAR ENERGY		
	9	CELLULAR REPRODUCTION		
		UNIT-2-EVALUATION	12.10.2023	
		PROGRESS TEST-2	16.10.2023	
UNIT-3	10	SEXUAL REPRODUCTION AND GENETICS		
	11	COMPLEX INHERITANCE AND HUMAN HERIDITY		
	12	MOLECULAR GENETICS		
	13	GENETICS AND BIOTECHNOLOGY		
		UNIT-3-EVALUATION	09.11.2023	
		PROGRESS TEST-3	13.11.2023	

	14	THE HISTORY OF LIFE	
1 UNIT-3	15	EVOLUTION	_
	16	PRIMATE EVOLUTION	
	17	ORGANIZING THE DIVERSITY OF LIFE	
		UNIT-4-EVALUATION	01.12.2023
		PROGRESS TEST-3	07.12.2023
		BIOLOGY-2	
	1	BACTERIA AND VIRUSES	
UNIT-1	2	PROTISTS	
	3	FUNGI	
		UNIT-1-EVALUATION	19.01.2024
	4	INTRODUCTION TO PLANTS	
	5	PLANT STRUCTURE AND FUNCTION	
UNIT-2	6	REPRODUCTION IN PLANTS	
		UNIT-2-EVALUATION	09.02.2024
		PROGRESS TEST-1	12.02.2024
	7	INTRODUCTION TO ANIMALS	
UNIT-3	8	WORMS AND MOLLUSKS	
	9	ARTHROPODS	
	10	ECHINODERMS AND INVERTEBRATE CHORDATES	
		UNIT-3-EVALUATION	14.03.2024
	11	FISHES AND AMPHIBIANS	
	12	REPTILES AND BIRDS	
UNIT-4	13	MAMMALS	
UN11-4	14	ANIMAL BEHAVIOUR	
		UNIT-4-EVALUATION	15.04.2024
		PROGRESS TEST-2	17.04.2024
	15	INTEGUMENTARY ,SKELETAL, AND MUSCULAR SYSTEMS	
	16	NERVOUS SYSTEM	
	17	CIRCULATORY, RESPIRATORY, AND EXCRETARY SYSTEMS	
	18	DIGESTIVE AND ENDOCRINE SYSTEM	
UNIT-5	19	HUMAN REPRODUCTION AND DEVELOPMENT	
	20	IMMUNE SYSTEM	
	_	UNIT-5-EVALUATION	29.05.2024
		PROGRESS TEST-3	03.06.2024

Disclaimer-Please note- Dates may subject to change.