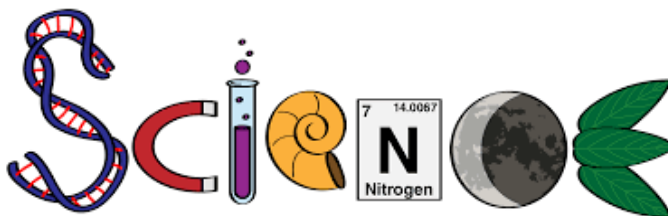


# Tokyo International Progressive School

## Grade 8 Science Course Outline

2021-2022

Ms. Sato, Common Room



### DESCRIPTION OF COURSE

Grade 8 science topics include cells and systems, optics, fluids and dynamics, and water systems on Earth. You will learn how the world works around you. The textbook is *BC Science 8*. A numbered copy of a textbook will be lent to you. Write your name in it. When you return it, if it is not in usable condition or missing its cover, your family will be asked to replace the book.

### STUDENT EXPECTATIONS

To each class period, bring a pencil, your textbook, and your binder. A numbered copy of a textbook will be lent to you. Write your name in it. When you return it, if it is not in usable condition or missing its cover, your family will be asked to replace the book.

### EARNING YOUR GRADE

Your grade will be determined by your work in these categories:

| Grade Category | Percentage of your grade |
|----------------|--------------------------|
| 6P             | 10%                      |
| Quiz           | 20%                      |
| Daily Work     | 25%                      |
| Project        | 25%                      |
| Test           | 20%                      |

The grading scale for this course will be:

| Letter grade | Mark range |
|--------------|------------|
| A+           | 97-100     |
| A            | 92-96      |
| B+           | 88-91      |

|    |             |
|----|-------------|
| B  | 83-87       |
| C+ | 79-82       |
| C  | 74-78       |
| D+ | 70-73       |
| D  | 65-69       |
| F  | 64 or below |

## IMPORTANT DATES

| <b>Date</b>  | <b>Chapter Number</b> | <b>Exam topic</b>                                   |
|--------------|-----------------------|---|
| September 17 | 1                     | Cells as basic units of life.                       |
| October 16   | 2                     | Human body systems work independently and together. |
| November 5   | 3                     | The immune system protects the human body.          |
| November 26  | 4                     | Review of cells and systems.                        |
| December 16  | 5                     | Light can move in waves.                            |
| January 28   | 6                     | Human vision can be affected by lenses.             |
| February 22  | 7                     | Kinetic molecular theory.                           |
| March 7      | 8                     | Fluid systems are natural or constructed.           |
| April 8      | 9                     | Natural and Constructed Fluid Systems               |
| April 29     | 10                    | The water cycle plays a vital role on Earth.        |
| May 25       | 11                    | Oceans control the water cycle                      |
| June 15      | 12                    | Changes in water affect living things               |