Tokyo International Progressive School Grade 8, Mathematics Course Outline 2023-2024

Nabi Nazari, Room 23

MATHEMATICS

DESCRIPTION OF COURSE

This course is aligned with the Common Core Standards for grade six. Students will use online (<u>Big Ideas Math Grade 8</u>) as well as printed materials to learn the skills required for this grade. In addition, they will use ixl.com (<u>IXL Grade</u> <u>8</u>) to continually practice their skills and check their progress at their grade level. Topics included in this course are: Equations, Systems of Linear Equations, Graphing and Writing Linear Equations, Functions, Exponents and Scientific Notations, Transformations, Triangles and Pythagorean Theorem, Volume and Similar Solids, and Data Analysis and Displays.

STUDENT EXPECTATIONS

Materials needed for class: Laptop, Notebook, Pencils, Eraser, Pencil Sharpener, Rulers, Protractor, Compass, Graph Paper.

Textbooks: Students will use the online textbook plus printed material provided by the teacher. The daily instructions on the board as well as on google classroom will guide the students which resource they are going to use for that specific period. Therefore, the students should look at the board as they enter the classroom.

Students are responsible for all the printed materials to keep them organized and safe as they will need those while reviewing for their quizzes and tests. The teacher will regularly supervise all students' notebooks and files to make sure they do have all the copies.

Late Assignments: Any assignments/projects 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.

Late Test/Quizzes: If a student informs the school that he/she will be absent on a quiz/test day, the student will have to take the test the next day.

Food and Drink Policy: no food or drink other than water is allowed in the classroom. Students can bring drinks in their own water bottle.

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+	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

Assessment	Date
Q1.1.Progress Test – Equations	Friday, September 8
Q1.2.Progress Test - Transformations	Tuesday, September 26
Q1.3.Progress Test - Similarity Transformation and Similar Figures	Monday, October 16
Q2.1.Progress Test – Graphing Linear Equations and Finding the Slope	Friday, November 17
Q2.2.Progress Test – Writing Equations	Thursday, November 30
Q2.3. Progress Test – Systems of Linear Equations	Friday, January 26
Q3.1. Progress Test – Data Analysis and Displays	Monday, February 5
Q3.2. Progress Test – Functions	Wednesday, March 6
Q3.2. Progress Test – Exponents	Friday, April 5
Q4.1. Progress Test – Scientific Notations	Thursday, April 25
Q4.2. Progress Test – Number Systems and Pythagorean Theorem	Friday, May 24
Q4.3. Progress Test – Volume and Similar Solids	Monday, June 10