

Tokyo International Progressive School
Grade 6, Mathematics Course Outline

2025-2026

Sazi Mhlanga, Room 23

COURSE DESCRIPTION

This course is aligned with the Common Core Standards for grade six. Students will use online ([Big Ideas Math Grade 6](#)) as well as printed materials to learn the skills required for this grade. In addition, they will use [ixl.com](#) ([IXL Grade 6](#)) to continually practice their skills and check their progress at their grade level. Topics included in this course are: Numerical Expressions and Factors; Fractions and Decimals; Ratios and Rates; Percents; Algebraic Expressions and Properties; Equations; Area, Surface Area, and Volume; Integers, Number Lines, and the Coordinate Plane; Statistical Measures; Data 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.

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 drinks in pet bottles are allowed in the classroom.
Students can bring drinks in their own water bottle.

GRADING DISTRIBUTION AND GRADING SCALE

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

Grade Category	Overall Weight
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
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

Mathematics Grade 6

IMPORTANT DATES

The class will follow below timelines for the progress tests.

There will be more frequent quizzes and projects assigned and announced to students through Google Classroom.

IMPORTANT DATES (exact dates will be announced to the students throughout the year)

Progress Tests	Date
Q1.1.Progress Test - Numerical Expressions and Factors	September
Q1.2.Progress Test- Basic Operations with Fractions	September
Q1.3.Progress Test - Basic Operations with Decimals	October
Q2.1.Progress Test – Ratios and Rates	November
Q2.2.Progress Test - Percents	December
Q2.3. Progress Test - Algebraic Expressions and Properties	January
Q3.1. Progress Test – Equations	February
Q3.2. Progress Test – Finding Areas	March
Q3.2. Progress Test – Integers and Number System	April
Q4.1. Progress Test – Absolute Value and Coordinate Plane	April
Q4.2. Progress Test – Statistical Measures	May
Q4.3. Progress Test – Data Displays	June