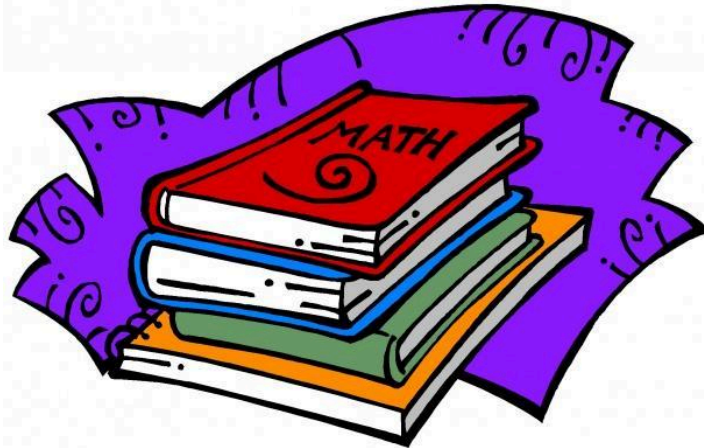


Tokyo International Progressive School
Grade 6, Mathematics Course Outline
2026-2027
Ms. Zyvatkauskas, Room 33



COURSE DESCRIPTION

This course is aligned with the Common Core Standards for grade six. Students will use Big Ideas Math Grade 6, and supplementary materials to learn the skills required for this grade. In addition, they will use [ixl.com](https://www.ixl.com) 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 and Compass
- Basic or Scientific Calculator (optional, but highly recommended)
- Waterbottle (optional)

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. Students are required to bring to class their pencil case, water bottle, headphones or earphones, computer, mathematics work and any materials for accommodations (e.g. noise-canceling earbuds). Students may not eat food during class without permission. Only unsweetened drinks with resealable lids are permitted in class.

Once students enter the classroom, they are expected to quietly start their mathematics warm-ups which will be placed on their desk or near the door.

Students will be given worksheets, the website IXL.com, and other resources, to practice their mathematics skills.

If assignments are not submitted by the assigned due date, parents will be informed and the student will be required to attend WIN to complete the incomplete assignment.

Students have a responsibility to ask the teacher for any missed work from their absences.

If a student requires more time to complete their assignment, the student must take responsibility and inform the teacher with the reasons for needing extra time. If the reasons are legitimate, the teacher will set a new due date for the assignment. If a student is unable to complete the assignment by the new designated due date, the student will earn a zero as their grade for that assignment.

If a student receives a D+ or lower on a test, quiz, or project, the student will receive the opportunity to have a re-make. In this case the teacher will provide them the opportunity to do so, and it will vary depending on the task.

EARNING YOUR GRADE

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

6Ps (Prepared/Punctual/Productive. Positive/Pleasant/Polite) Positive/pleasant/polite behaviors articulated govern how members of the TIPS community are expected to treat each other. Prepared/punctual/productive behaviors guarantee academic success.	10%
Daily Work Daily work is anything students complete in class and directly linked to the objective for the lesson.	25%
Quizzes Short assessments between 5-10 questions, taking 10-15 minutes to complete. Quizzes are formative assessments used to check students' progress throughout the course.	20%

Project Assignments are longer tasks, designed to practice skills including research, organization, group work, and presentation. Projects will usually take more than one class period to complete and will involve completing some of the work outside of class time.	25%
Progress Tests Progress Tests are summative assessments given at the end of a unit and cover all the material learned in that unit.	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 (*exact dates will be given to students closer to assessments, and months listed are subject to change*)

Quizzes will be held approximately once a week on Fridays. Anything taught in class that week can appear on a quiz.

Students will be informed of all due dates in advance, and will be encouraged to track them. Projects will be completed once per quarter.

Assessment Topic	Date
Numerical Expressions and Factors	September
Basic Operations with Fractions	September
Basic Operations with Decimals	October
Ratios and Rates	November
Percents	December
Algebraic Expressions and Properties	January
Equations	February
Finding Areas	March
Integers and Number System	April
Absolute Value and Coordinate Plane	April
Statistical Measures	May
Data Displays	June