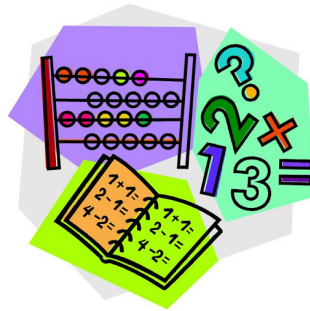


Tokyo International Progressive School

Grade 4-5, Math Course Outline

2021-2022

Ms.Koh, Room 33



DESCRIPTION OF COURSE

Grades 4-5 Math Course will equip students with logical concept development, critical thinking and efficient problem solving skills that are required for life, learning and work.

The experiences and outcomes in the Math Course will enable students to learn, develop, practice and apply numeracy and mathematics in order to:

- develop a secure understanding of the concepts, principles and processes of mathematics and apply these in different contexts, including the world of work
- engage with more abstract mathematical concepts and develop important new kinds of thinking
- understand the application of mathematics, its impact on society past and present, and its potential for the future
- develop essential numeracy skills which will allow students to participate fully in society
- understand that successful independent living requires financial awareness, effective money management, using schedules and other related skills
- interpret numerical information appropriately and use it to draw conclusions, assess risk, and make reasoned evaluations and informed decisions
- apply skills and understanding creatively and logically to solve problems, within a variety of contexts
- appreciate how the imaginative and effective use of technologies can enhance the development of skills and concepts.

STUDENT EXPECTATIONS

Students are required to bring their pencil case, water bottle, computer and folder. Students may not eat food during class.

Once students enter the classroom, they are expected to sit quietly and wait for the instructions for the day.

Students will be given worksheets and the website iknowit.com to practice their math skills.

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.

Assignments may be submitted late however, students must understand that it is their responsibility to complete and submit all work given by the end of each quarter, or else the student will earn a zero.

If a student receives a failing grade in a test, the student will receive the opportunity to have a re-test. The student will be asked to re-answer the questions they got wrong in their first attempt, along with a verbal explanation of their new answer.

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 5-10 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+	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 (*may change throughout the school year*)

Assessment	Date
Number and number processes Test	Week 3 (September)
Estimation and rounding Test	Week 6 (September)
Multiplication and division Test	Week 10 (October)
Multiples, factors and primes Project	Week 15 (November)
Multiples, factors and primes Test	Week 17 (December)
Fractions, decimals and percentages Project	Week 20 (January)
Fractions, decimals and percentages Test	Week 22 (February)
Money, time and measurement Project	Week 25 (February)
Introduction to algebra Test	Week 29 (March)
Properties of 2D shapes and 3D objects Project	Week 33(April)
Properties of 2D shapes and 3D objects Test	Week 35(May)
Data and analysis Test	Week 40 (June)