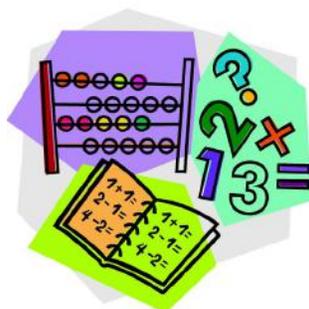


Tokyo International Progressive School

Grade 4-5, Math Course Outline

2022-2023

Ms.Koh, Music and Sensory Room



DESCRIPTION OF COURSE

Grades 4-5 Math Course will equip students with the opportunity to practice and develop their skills in the following areas: operations and algebraic thinking, number and operations in base ten, fractions, measurement and data, and geometry.

Students will focus on developing their fluency with calculations and understanding in mathematical operations, develop their understanding of fractions, and develop their understanding of geometric figures.

The Math Course will enable students practice to:

1. Make sense of problems and persevere in solving them
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

STUDENT EXPECTATIONS

Students are required to bring their pencil case, water bottle, headphones or earphones, 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 IXL.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.

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.

For every day a student is excused, tardy or absent, they will have two school days to complete any work from the missed class(s). All assignments and paperwork that was due at the beginning of the missed class (e.g., homework, projects, reports, signed papers, etc.) will be due on the day of return. 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 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. If the new answer is correct, half of the original point(s) the question was worth will be added on to the original score the student received in the test.

EARNING YOUR GRADE

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

<p>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.</p>	10%
<p>Daily Work Daily work is anything students complete in class and directly linked to the objective for the lesson.</p>	25%
<p>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.</p>	20%
<p>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.</p>	25%
<p>Progress Tests Progress Tests are summative assessments given at the end of a unit and cover all the material learned in that unit.</p>	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 5 (September)
Number operations (addition, subtraction, multiplication, division) Tests	Week 10 (October)
Multiples, factors and primes Project	Week 15 (November)
Multiples, factors and primes Tests	Week 17 (December)
Fractions Test	Week 20 (January)
Decimals Test	Week 25 (February)
Fractions, decimals and percentages Project	Week 28 (March)
Measurements Project	Week 33(April)
Data and analysis Test	Week 35(May)
Geometry Project and Test	Week 40 (June)

