

# Tokyo International Progressive School

## Grade 10 Geometry Course Outline

2021-2022

Jason Wan, Room 25

### **DESCRIPTION OF COURSE**

Grade 10 Geometry is a course designed to help students develop reasoning skills using geometric terms and processes, concepts of logic, and applied problem solving. Topics covered in this course include patterns, inductive and deductive reasoning, models, points, lines, the coordinate plane, parallel and perpendicular lines, angle measures, basic constructions, reasoning and proofs, congruent triangles, and relationships within triangles.

The title of the textbook used for this course is *Geometry*.

### **STUDENT EXPECTATIONS**

Students need to bring **pencils, a ruler, an eraser, a calculator, and a notebook** to class.

At the beginning of the school year, you will be issued a textbook. If this textbook is not returned in usable condition by the required date, your family will be asked to pay for a replacement.

Work that is submitted late will be penalized 2% per workday.

Quizzes will be given at the end of every week. Projects will be due before each progress test.

To encourage learning from one's mistakes, students have the opportunity to fix mistakes on tests. For each corrected mistake, students may earn half a point.

No food is allowed in the classroom. Students are permitted to bring closed containers of water to the classroom.

### **EARNING YOUR GRADE**

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

Grade Category	Percentage of your grade
Quiz	20%
Daily Work	30%
Project	30%
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

### **IMPORTANT DATES**

Dates are subject to change.

<b>Assessment</b>	<b>Date</b>
Chapter 1 progress test - Foundations for Geometry	September 10
Chapter 2 progress test - Geometric Reasoning	October 1
Chapter 3 progress test - Parallel and Perpendicular Lines	October 20
Chapter 4 progress test - Triangle Congruence	November 19
Chapter 5 progress test - Triangle Properties	December 3
Chapter 6 progress test - Polygons	December 16
Chapter 7 progress test - Similarity	January 21
Chapter 8 progress test - Trigonometry	February 18
Chapter 9 progress test - Perimeter and Area	March 18
Chapter 10 progress test - Spatial Reasoning	April 15
Chapter 11 progress test - Circles	May 13
Chapter 12 progress test - Transformations	June 10