

都立南多摩中等教育学校 教科シラバス
5 年 MIE 単位数：1 単位
textbooks : reference material : Mathematical Studies SL Third Edition (IB)

Learning Objective

- First, students will get familiar with mathematical words and contents written in English. In addition, students will be able to read and understand and solve English math problems by themselves.

Evaluation methods

① Evaluation of Students' Interest, Willingness, and Attitude	Attitude, participation			
② Mathematical skill	Speak mathematical contents in English			
③ Knowledge, understanding	Understand the meaning and nuance of mathematical notation and vocabulary.			
	Evaluation methods	①	②	③
	Attendance	◎		
	Worksheet and pair work	◎		◎
	Test & homework	○	◎	◎
	English writing and presentation	○		◎

Learning contents & syllabus

	Concrete learning reaching objective	Learning contents
1st	Students will learn the foundational English math vocabularies and be able to read, understand, and solve basic math problems in English.	Before Midterm; Chapter1: Number Properties Chapter2: Measurement Before Final; Chapter2: Measurement Chapter4: Equations and Formulae First semester exam
2nd	Students will apply what they learned in 1 st semester, and be able to read, understand, and solve high school level math problems (statistics, sets, and probability) and express their solutions in English.	Before Midterm; Chapter6: Descriptive Statistics Chapter7: Sets and Venn Diagrams Before Final; Chapter9: Probability Second semester exam
3rd	Students will be able to give a presentation on a math problem or proof in English.	Presentation in English.