

2017~2018

P6 Mathematics Curriculum Plan

Teacher:

P6A	P6B	P6C	P6D
Miss Kafy	Miss Kafy	Miss Kafy	Miss Kafy

Subject Objectives:

- 1.To smoothen transition from primary to secondary in learning Mathematics.
- 2.To enable students to have some basic techniques in solving word problems.

Textbooks:

1. An Essential Maths - Bridging Course For P.6 Y S1
2. Supplementary Worksheet

Numbers of Periods:

	1 <sup>st</sup> term	2 <sup>nd</sup> term	Total
P6A	14	19	33
P6B	14	19	33
P6C	14	19	33
P6D	14	19	33

Course Schedule:

First Term

Week	Topic	No. of Periods	Objectives
2~7	Unit 8 Basic Algebra	4	<ul style="list-style-type: none"> <li>✓ Write equations according to the meaning of the problems and through applying the concept of equality between numbers</li> <li>✓ Solve equations that involve addition, subtraction, multiplication and division</li> <li>✓ Practise solving problems using equations</li> </ul>
8~12	Unit 7 Area and Volume	5	<ul style="list-style-type: none"> <li>✓ The terminology used of different shapes.</li> <li>✓ Introduced to the notion of area and perimeter of different shapes.</li> <li>✓ Experimented with the area and volume of different prisms.</li> </ul>
13~16, 19	Unit 3 Fractions	4	<ul style="list-style-type: none"> <li>✓ Perform multiplication of fractions and whole numbers</li> <li>✓ Perform multiplication of fractions</li> <li>✓ Perform mixed operations of fractions involving addition, subtraction and multiplication</li> <li>✓ Solve division problems involving a whole number and a fraction</li> </ul>
17~18	Christmas Holiday		
20	Revision (1 period)		
21	First Term Examination (Pre-Exam Week)		

Second Term

Week	Topic	No. of Periods	Objectives
23~28	Unit 4 Percentages	5	<ul style="list-style-type: none"> <li>✓ Solve problems about finding percentages</li> <li>✓ Find quantity of things and prices using percentage</li> </ul>
29~33	Unit 5 Basic Geometry	4	<ul style="list-style-type: none"> <li>✓ To learn right angles, acute angles and obtuse angles</li> <li>✓ To compare the sizes of angles</li> <li>✓ To recognize 'degree' as the unit for measuring angles</li> <li>✓ To know protractor and use it to measure angles</li> <li>✓ To recognize and draw rotationally symmetric shapes</li> </ul>
34~38	Unit 6 Geometrical Figures	5	<ul style="list-style-type: none"> <li>✓ To know the properties of different shapes and solids</li> <li>✓ To recognize the relationship between the number of edges and vertices of a prism/a pyramid and the number of sides of the base</li> </ul>
39~41	Supplementary Topic: Circumference of a	3	<ul style="list-style-type: none"> <li>✓ To know the properties of a circle</li> <li>✓ To recognize the relationship among a circle, the diameter of a circle and PI</li> </ul>

	circle		
42	Revision (1 period)		
43	Second Term Examination (Pre-Exam Week)		

**Assessment:**

General assessment for the whole year:

1<sup>st</sup> term Daily marks 20% + Exam marks 25% = 45%

2<sup>nd</sup> term Daily marks 25% + Exam marks 30% = 55%

Total 1<sup>st</sup> term 45% + 2<sup>nd</sup> term 55% = 100%

Homework and Participation	Class work / Quiz	Test
10%	20%	70%