



Year 6



2014-2015 Team (Student version)

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*Textbook 1 (6A): My Pals are Here! Maths 6A (2nd edition) by Fong et al. Marshall Cavendish Education

*Textbook 2 (6B): My Pals are Here! Maths 6B (2nd edition) by Fong et al. Marshall Cavendish Education

*Reference book (H&H): Mathematics for the international students 6 MYP 1 by Haese et al. Haese & Harris Publications (due to new version not arrived, students have an option to buy it or not)

Unit	Statement of Inquiry	Topic(s)	Chapter(s)	Global Contexts	Key Concepts	Related Concepts	ATL's	Assessment Criteria & type	Assessment Date(s) (week of)
1	Discovering mathematical relationships can lead to a better understanding of number systems and the application in real life, which can be represented in a simplified or equivalent way.	Budgeting (Whole number, Decimals, Fractions and Percentages)	H&H: 1, 2, 4, 6, 8, 9, 11, 14.16, 23 6A: 4 6A: 6	Identities and relationships	Relationships	Simplification Equivalence Representation	Communication i. Communication Research vi. Information literacy	#1-Criterion B (Divisibility test)	12 Sept, 2014
								#2-Criterion A (Unit test)	7 Nov, 2014
2	The exploration of multiple equivalent ways helps to logically discover, justify and express solutions to real life problems	Solving problems (Problem solving strategies, pattern and algebra)	H&H: 10, 18, 20 6A: 1	Personal and cultural expression	Logic	Justification Equivalence	Research vi. Information Literacy Thinking viii. Critical Thinking	#3-Criteria C/D (Investigative, real-life context task)	1 – 5 Dec, 2014
Summative Assessment Week								#4-Criteria A/C (Board based test)	12-16 Jan, 2015
3	Real world constraints help or hinder our aesthetic creativity as we express our personal and cultural tastes by representing our ideal dream house in a measured model.	My dream house (Measurement, 3DShapes, Volume and capacity)	H&H: 12, 19, 24 6A: 3 6B: 10, 11	Personal and culture expression	Aesthetics	Measurement Representation	Communication i. Communication Thinking xi. Creative Thinking	#5-Criteria A/C (Designing a dream house)	2-16/2 Feb, 2015
4	Using graphs to model equivalent representations can communicate data effectively.	Survey and reporting (Data Handling)	H&H: 17 6B: 9	Globalization and sustainability	Communication	Representation Equivalence Model	Communication i. Communication Thinking viii. Critical thinking x. Transfer	#6-Criterion D (Project-based tasks)	30-31 March, 2015
5	Analyzing the relationship between measured times and locations are essential.	Measuring movement (Time and Speed)	H&H: 15 6B: 7	Orientation in space and time	Relationships	Measurement Space	Social ii. Collaboration Research vii. Media Literacy	#7-Criteria – B (Investigation task)	8 May, 2015
6	Generalizing patterns logically will contribute towards access to equal opportunities.	Is it really luck? (Probability)	Mathletics Workbook: Chance and probability	Fairness and development	Logic	Pattern Generalization	Communication i. Communication Self management iv. Affective		
Summative Assessment Week								#8-Criteria A/C (Board based test)	26 May – 1 June, 2015
7	Understanding patterns in form and shape enhances creativity in designing culture spaces.	A change is gonna come (Transformations)	H&H: 22	Personal and cultural expression (Extend and enjoy our creativity)	Form	Pattern Space	Self management v. Reflection Thinking x. Creative	NA	NA

**Assessment tasks and due dates are subject to change according to the teaching and learning progress.