The Asian International School – Curriculum Mapping

Level: Starters 2　　　　Subject: Maths　　　　Text book: Macmillan Mathematics 2A, 2B　　　　*Revised: July 2015*

Note: "Try this" and "Assessment" parts are optional.

Students must develop all the skills in standard 1, 2, 3, and 4 during the school year in order to become proficient in mathematics.

Month	Weeks		Core Standard	Strand	Content	Skills	Activities	Assessments
Aug	1	03/8 – 07/8	5.1 & 5.2	Numbers and Number Sense Operations on Numbers	- Review counting by twos - Counting to 20 - Review counting by fives - Counting by tens - Place value - Tens and units	- Read and write numbers composed of units and tens in both number and letter form	- Abacus - Arrow cards - Games - Board practice	Unit 1: 4, 6, 8, 10 Optional: 5, 7, 9, 11
	2	10/8 – 14/8	5.1 & 5.2	Numbers and Number Sense Operations on Numbers	- Numbers to 200 - Place value to 200 - Hundreds, units, tens - Digits	- Show hundreds, tens and units to 200	- Abacus - Arrow cards - Games - Board practice	Unit 1: 12 Unit 2: 14. 16 Optional: 13, 15, 17
	3	17/8 – 21/8	5.1 & 5.2	Numbers and Number Sense Operations on Numbers	- Number to 999 - Place value to 999	- Show hundreds, tens and units to 1000	- Abacus - Arrow cards - Games - Board practice	Unit 2: 18, 20, 22 Optional: 19, 21, 23
	4	24/8 – 28/8	5.2	Operations on Numbers	- Addition - Plus. - Total - Altogether - Equal to - No exchange column	- Procedures for adding 2 digit whole numbers on the basic of place value	- Abacus - Arrow cards - Counting materials - Games - Board practice	Unit 3: 24, 25, 26, 27
Sep	5	31/8 – 04/9	5.2	Operations on Numbers		- Adding to the next ten and adding 2 digit numbers.	- Abacus - Arrow cards - Counting materials - Games - Board practice	Unit 3: 28, 29, 30, 31, 32

	6	07/9 – 11/9	5.2	Operations on Numbers	- Take away, subtract, difference	- Subtracting units and tens on the basis of place value.	- Abacus - Arrow cards - Counting materials - Games - Board practice	Unit 5: 40, 41, 42, 43
	7	14/9 – 18/9	5.2	Operations on Numbers	- Break up	- Subtracting units and tens on the basis of place value.	- Abacus - Arrow cards - Counting materials - Games - Board practice	Unit 5: 44, 45, 46
	8	21/9 – 25/9	5.2	Operations on Numbers		- Subtracting 2 digit numbers: no exchange	- Abacus - Arrow cards - Counting materials - Games - Board practice	Unit 5: 47, 48, 49
Oct	9	28/9 – 02/10 **Midterm Test**						
	10	05/10 – 09/10	5.2	Operations on Numbers	- Grouping - Repeated addition	- Explain multiplication as repeated addition.	- Games - Counters - Board practice	Unit 6: 50, 51, 52, 53
	11	12/10 – 16/10	5.2	Operations on Numbers	- Multiply - Array	- Explain multiplication as a rectangular array	- Games - Counters - Board practice	Unit 6: 54, 55, 56
	12	19/10 – 23/10	5.2	Operations on Numbers		- Multiplying by 1 and 0	- Games - Counters - Board practice	Unit 6: 57, 58, 59
	13	26/10 – 30/10	5.2	Operations on Numbers	- Near double - Count on - Crossing 10 - Inverse - Even, odd - Trios	- Modeling and justifying the relationship between addition and subtraction.	- Games - Counters - Board practice	Unit 7: 60, 62, 63, 64, 65
Nov	14	02/11 – 06/11	5.2	Operations on Numbers	- Times	- Multiplication facts for 3 - Multiplying by 5 and 10	- Games - Counters - Board practice	Unit 7: 66, 67, 68, 69
	15	09/11 – 13/11	5.2	Operations on	- Trios	- Comprehend that the	- Games	Unit 9: 76, 77,

			Numbers	- Equation - Function	relationship between addition and subtraction is an inverse relation. - Remember multiplication tables up	- Board practice - Multiplication grid	78, 79
	16	16/11 – 20/11	5.1	Numbers and Number Sense	=/ is equal to </ is less than >/ is greater than	- Solve simple open equations containing equalities and inequalities.	- Games - Board practice - Multiplication grid	Unit 9: 80, 81, 82, 83
	17	23/11 – 27/11 **Review**					Unit 4 & Unit 8 & Unit 12
Dec	18	30/11 – 04/12 **Final Term**	5.1	Numbers and Number Sense	- Fractions, equal parts; whole, half, quarter	- Understand the meaning of simple fractions as part of a whole using models realia or illustrations and displaying them in different methods.	- Flashcards - Paper shapes - Games - Board practice	Unit 10: 86, 87, 88, 89
	19	07/12 – 11/12 **Test correction**					
	20	14/12 – 18/12 **School Report**					
	21	21/12 – 25/12	5.1	Numbers and Number Sense.	- Thirds - Fifths - Sixths - Tenths	- Understand the meaning of simple fractions as part of a whole using models realia or illustrations and displaying them in different methods.	- Flashcards - Paper shapes - Games - Board practice	Unit 10: 90, 91, 92, 93
	22	28/12 – 01/1	6.1	Physical attributes	- O' clock - Hour - Minute - Digital clock - Half past - Half-way	- Identify units of measuring time (hour – minute)	- Working analogue and digital clocks - Teaching clock with large face and moveable hands - Board practice	Unit 11: 96, 97, 98

Month	Week	Date	Unit	Topic	Vocabulary	Objectives	Resources	Textbook
Jan	23	04/1 – 08/1	6.1	Physical attributes	- Quarter to - Quarter past	- Tell the time and approximate time to the nearest hour	- Working analogue and digital clocks - Teaching clock with large face and moveable hands - Board practice	Unit 11: 99, 100, 101
	24	11/1 – 15/1	7.1	Patterns, Relations and Functions	- Odd - Even -Grid	- Demonstrate the relationships between odd and even numbers - Counting in 2s and 5s	- Flashcards - Squared papers - Counters - Games - Board practice	Unit 13: 4, 5, 6, 7
	25	18/1 – 22/1	7.1 & 5.1	Patterns, Relations and Functions Numbers and Number Sense	- Greater/ greatest - Digits - Hundreds - Tens - Units	- Use number patterns to skip count by 2's, 3's, 5's and 10's up to 999	- Flashcards - Squared papers - Counters - Games - Board practice	Unit 13: 8, 9, 10, 11
	26	25/1 – 29/1	5.3	Numerical Operations and Estimation	- Round down/ up - Nearest - Approximately	- Round numbers to the nearest 10		Unit 14: 14, 15, 16
Feb	OFF	01/2 – 05/2						
	OFF	08/2 – 12/2						
	27	15/2 – 19/2	5.2	Operations on Numbers	- Hundreds	- Add and subtract hundreds and display this on the number line	- Abacus - Arrow cards - Games - Board practice	Unit 14: 17, 18, 19
	28	22/2 – 26/2	5.2	Operations on Numbers	- No exchange	- Add and subtract two 3 digit numbers without renaming	- Abacus - Arrow cards - Games - Board practice	Unit 14: 20, 21, 22, 23
Mar	29	29/2 – 04/3	5.1	Numbers and Number sense	- Coins - Notes - Dollar - Cents - Price - Worth	- Identify types of money.	- Collection of coins and notes - Flashcards - Games - Board practice	Unit 15: 24, 25, 26, 27

				- Value			
	30	07/3 – 11/3 **Midterm Test**					
	31	14/3 – 18/3	5.1 & 5.2	Numbers and Number Sense Operations on Numbers	- Cost - Total - Change	- Do simple addition and subtraction problems related to money.	- Collection of coins and notes - Flashcards - Games - Board practice	Unit 15: 28, 29, 30, 31
	32	21/3 – 25/3	8.1	Geometric Properties	- Square - Rectangle - Triangle - Circle - Flat shape - Cube - Cuboid - Cylinder - Sphere - Pyramid - Cone	- Describe and compare flat shapes and solid shapes	- Flashcards - Solid shapes - Flat shapes - Games - Board practice	Unit 17: 42, 44, 45
	33	28/3 – 01/4	8.1	Geometric Properties	- Face - Vertex - Edge - Curved - Properties	- Form and differentiate mental images of familiar geometric shapes.	- Flashcards - Solid shapes - Flat shapes - Games - Board practice	Unit 17: 46, 47, 48, 49
Apr	34	04/4 – 08/4	8.2	Transformation of shapes	- Polygon - Segment - Straight side - Curved side - Cuboid/ cube	- Identify a polygon. - Name the segments that compose a shape.	- Flashcards - Games - Board practice	Unit 18: 52, 53, 54, 55
	35	11/4 – 15/4	8.2	Transformation of shapes.	- Area - Amount - Squares - Congruent	- Understand the term congruent. - Identify congruent shapes.	- Flashcards - Color paper - Games - Board practice	Unit 19: 60, 61, 64, 65

	36	18/4 – 22/4	6.2	Systems of Measurement	- Metre = m - Centimetre = cm - Division - Length - Perimeter - Edge	- Comprehend the concept of perimeter. - Identify the units of measuring length. - Convert from one unit of measuring length to another	- Metre sticks, rulers. - Games - Board practice	Unit 21: 78, 79, 82, 83
	37	25/4 – 29/4 **Review**						Unit 16 & Unit 20 & Unit 24
May	38	02/5 – 06/5 **Final Term Test**	6.2	Systems of Measurement	- Weight - Kilogram – kg - litre - Capacity	- Identify the units of capacity and measuring weight. - Convert from one unit of measuring weight to another	- Set up a measuring area. - Games - Board practice	Unit 22: 88, 89, 92, 93
	39	09/5 – 13/5 **School Report**						
	40	16/5 – 20/5 **Test Correction**						
	41	23/5 – 27/5	9.1	Data Representation	- Tally - Bar charts	- Record data using tallies. - Display the collected or given data using illustrations of simple geometric shapes and bars or columns.	- Flashcards - Games - Board practice	Unit 23: 96, 97, 102, 103
	42	30/5 – 31/5						