

				2 nd Edition Textbook 4. New Mathematics Counts 2 for Secondary Normal (Academic)	
4	23/1 TO 28/01	1.3 Computation involving percentage	Students would be able to: a. Calculate given percentage of a quantity b. Calculate the quantity given the percentage c. Express one quantity as a percentage of another d. Calculate percentage increase/decrease	1. Secondary Mathematics 2A 2 nd Edition Textbook 2. Secondary Mathematics 2A Normal (Technical) Course 3. Secondary Mathematics 2B 2 nd Edition Textbook 4. New Mathematics Counts 2 for Secondary Normal (Academic)	
	29/01 TO 31/01	PUBLIC HOLIDAY -	CHINESE NEW YEAR AND HIJRAH		
5	01/02 TO 07/02	1.4 Calculator Use a calculator in computations involving percentages	Student should know how to: Use a calculator in computations involving percentages	1. Secondary Mathematics 2A 2 nd Edition Textbook 2. Secondary Mathematics 2A Normal (Technical) Course 3. Secondary Mathematics 2B 2 nd Edition Textbook 4. New Mathematics Counts 2 for Secondary Normal (Academic)	
6	08/02 TO 14/02	1.5 Problem-Solving	At the end of the unit, the students should be able to: Solve word problems involving percentages	1. Secondary Mathematics 2A 2 nd Edition Textbook 2. Secondary Mathematics 2A Normal (Technical) Course 3. Secondary Mathematics 2B 2 nd Edition Textbook 4. New Mathematics Counts 2 for Secondary Normal (Academic)	
7	15/02 TO 21/02	2: <u>EVERYDAY MATHEMATICS</u> 2.1 Personal and Household finances	At the end of the unit, student should be able to: a. Calculate the cost price, selling price, profit, loss, percentage profit and percentage loss	1. Secondary Mathematics 2A 2 nd Edition Textbook 2. Secondary Mathematics 2A Normal (Technical) Course 3. Secondary Mathematics 2B	<ul style="list-style-type: none"> • Include calculating the cost price given the selling price and the percentage profit • Include calculating

			b. Calculate discount c. Calculate commission	2 nd Edition Textbook 4. New Mathematics Counts 2 for Secondary Normal (Academic)	marked price and discounted price <ul style="list-style-type: none"> • Include calculating the rate of commission and the sale price (value)
8	22/02 TO 26/02	2.2 Financial Transaction	To let students to know how to: a. Calculate simple interest b. Cash price/Hire purchase: calculate instalment and the difference between cash price and hire purchase price	1. Secondary Mathematics 2A 2 nd Edition Textbook 2. Secondary Mathematics 2A Normal (Technical) Course 3. Secondary Mathematics 2B 2 nd Edition Textbook 4. New Mathematics Counts 2 for Secondary Normal (Academic)	<ul style="list-style-type: none"> • Include calculating the principal, interest, amount, interest rate and time • Use the ICT tools to calculate simple interest • Include calculating down payment, instalment, cash price and difference between the cash price and hire purchase price
		TEST 1 -	27/02 – 04/03		
9	06/03 TO 11/03	2.3 Foreign Exchange	At the end of this unit, students should be able to: Convert a sum of money in Brunei Dollars to another currency and vice versa given the exchange rate	1. Secondary Mathematics 2A 2 nd Edition Textbook 2. Secondary Mathematics 2A Normal (Technical) Course 3. Secondary Mathematics 2B 2 nd Edition Textbook 4. New Mathematics Counts 2 for Secondary Normal (Academic)	
10		TERM 1 HOLIDAYS -	17/03/06-26/03/06		
11	27/03 TO 01/04	2.4 Tables and charts	At the end of this unit, student should be able to: a. Interpret tables and charts b. Extract data from tables, charts and schedules	1. Secondary Mathematics 2A 2 nd Edition Textbook 2. Secondary Mathematics 2A Normal (Technical) Course 3. Secondary Mathematics 2B 2 nd Edition Textbook 4. New Mathematics Counts 2 for Secondary Normal (Academic)	Include the use tables such time-tables, flight schedules etc to solve real world problems
12	03/04 TO	2.5 Ratio and Proportion	At the end of this unit, student should be able to: a. Calculate the ratio of two or three like quantities	1. Secondary Mathematics 2A 2 nd Edition Textbook 2. Secondary Mathematics 2A Normal (Technical) Course	Use practical activities to help pupils understand the concept of ratio. Include expressing a ratio in

	08/04		<ul style="list-style-type: none"> b. Calculate equivalence to a given ratio, proportion & scale c. Solve problems using ratio, proportion and scale 	<ul style="list-style-type: none"> 3. Secondary Mathematics 2B 2nd Edition Textbook 4. New Mathematics Counts 2 for Secondary Normal (Academic) 	<p>its lowest terms and the relationship between fraction and ratio. e.g. Given $x:y = a:b$ then,</p> <p>Include direct and inverse proportion in everyday situations. Estimate distance from maps given the scale and vice versa. Exclude estimation of area. Example: i. Divide a quantity according to a given ratio ii. Use ratio, proportion and scale in everyday life situations.</p>
13	10/04 TO 15/04	2.6 Rate and Speed	<p>To let students to know how to find:</p> <ul style="list-style-type: none"> a. Rate: Interpret rate as the change of one quantity with respect to another b. Speed: Calculate speed given distance travelled and time taken c. Average Speed: Calculate average speed given total distance travelled and total time taken d. Solve problems involving rate and speed 	<ul style="list-style-type: none"> 1. Secondary Mathematics 2A 2nd Edition Textbook 2. Secondary Mathematics 2A Normal (Technical) Course 3. Secondary Mathematics 2B 2nd Edition Textbook 4. New Mathematics Counts 2 for Secondary Normal (Academic) 	<p>Example: Change of distance with time Cost of petrol per liter Cost of eggs per tray Discuss this topic using everyday examples such as time taken to travel to local towns such as Tutong, KB, Muara etc.</p>
14		MAULUD NABI -	11/04/06		
		REVISION TEST -	15/04/06-20/04/06		
15	22/04 TO 27/04	3: <u>PERIMETER AND AREA</u> 3.1 Perimeter	<p>At the end of this unit, students should be able to:</p> <p>Find perimeter of square, rectangle, triangle, parallelogram, trapezium and circle</p>	<ul style="list-style-type: none"> 1. Secondary Mathematics 2A 2nd Edition Textbook 2. Secondary Mathematics 2A Normal (Technical) Course 3. Secondary Mathematics 2B 2nd Edition Textbook 4. New Mathematics Counts 2 for Secondary Normal (Academic) 	<p>Guide pupils to discover the idea of perimeter as the distance around the boundary of a figure.</p> <p>Provide opportunities for pupils to discover the related perimeter formulae for each of the shapes indicated.</p>
16	29/04	3.2 Area	At the end of this unit, students should be able to:	<ul style="list-style-type: none"> 1. Secondary Mathematics 2A 2nd Edition Textbook 	Include practical activities for pupils to discover the area

	TO 04/05		Find area of square, rectangle, triangle, parallelogram, trapezium and circle	2. Secondary Mathematics 2A Normal (Technical) Course 3. Secondary Mathematics 2B 2 nd Edition Textbook 4. New Mathematics Counts 2 for Secondary Normal (Academic)	formulae related to each of these shapes.
17 & 18	06/05 TO 13/05	3.3 Problem-Solving	To let students to know how to: Solve problems involving perimeter, circumference and area with and without using a calculator	1. Secondary Mathematics 2A 2 nd Edition Textbook 2. Secondary Mathematics 2A Normal (Technical) Course 3. Secondary Mathematics 2B 2 nd Edition Textbook 4. New Mathematics Counts 2 for Secondary Normal (Academic)	
18 & 19	15/05 TO 25/05	MID-YEAR EXAM	(2 WEEKS)		
19 & 20	27/05 TO 10/06	4: <u>SURFACE AREA AND VOLUME</u> 4.1 Solids	To let students to know how to: a. Name and identify common solids such as cube, cuboid, cylinder and prism b. Name and identify parts of a solid such as edge, vertex, face, curved surface and cross-section c. Recognize and draw nets of solids	1. Secondary Mathematics 2A 2 nd Edition Textbook 2. Secondary Mathematics 2A Normal (Technical) Course 3. Secondary Mathematics 2B 2 nd Edition Textbook 4. New Mathematics Counts 2 for Secondary Normal (Academic)	Provide pupils opportunities to handle and investigate actual solids and nets of solids for this section. Use isometric and dotted paper to help pupils draw 3-D pictures of cube, cuboids and straight edged prisms. Use dotted or square grid papers for drawing nets of solids. Fold nets drawn to make actual solids.
20	31/05	PUBLIC HOLIDAY	RBAF ANNIVERSARY		
21 & 22	11/06 TO 25/06	TERM 2 – HOLIDAYS			
23	23/06 TO 01/07	4.2 Surface area of solids	At the end of this unit, student should be able to: Find the surface area of cube, cuboids, prism and cylinder	1. Secondary Mathematics 2A 2 nd Edition Textbook 2. Secondary Mathematics 2A Normal (Technical) Course 3. Secondary Mathematics 2B	

				2 nd Edition Textbook 4. New Mathematics Counts 2 for Secondary Normal (Academic)	
24	03/07 TO 08/07	4.3 Volume of solids	At the end of this unit, student should be able to: Find volume of cube, cuboids, prism and cylinder	1. Secondary Mathematics 2A 2 nd Edition Textbook 2. Secondary Mathematics 2A Normal (Technical) Course 3. Secondary Mathematics 2B 2 nd Edition Textbook 4. New Mathematics Counts 2 for Secondary Normal (Academic)	Use practical activities to help pupils discover the volume formulae for cubes and cuboids. Exclude prisms having complex cross-sections such as L shapes etc.
25	10/07 TO 14/07	4.4 Problem-Solving	To let the students know how to: Solving problems involving surface area, volume of cube, cuboids, prism and cylinder	1. Secondary Mathematics 2A 2 nd Edition Textbook 2. Secondary Mathematics 2A Normal (Technical) Course 3. Secondary Mathematics 2B 2 nd Edition Textbook 4. New Mathematics Counts 2 for Secondary Normal (Academic)	Include packaging problems where possible
25	15/07	PUBLIC HOLIDAY	SULTAN'S BIRTHDAY		
26	17/07 TO 22/07	5: <u>ALGEBRAIC EXPRESSIONS AND FORMULAE</u> 5.1 Simple algebraic expressions	At the end of this unit, students should be able to: Simplify simple algebraic expressions by collecting like terms and removing brackets	1. Secondary Mathematics 2A 2 nd Edition Textbook 2. Secondary Mathematics 2A Normal (Technical) Course 3. Secondary Mathematics 2B 2 nd Edition Textbook 4. New Mathematics Counts 2 for Secondary Normal (Academic)	
27	24/07 TO 29/07	5.2 Expansion	To let the students to know how to: Expand the product of two simple algebraic expressions	1. Secondary Mathematics 2A 2 nd Edition Textbook 2. Secondary Mathematics 2A Normal (Technical) Course 3. Secondary Mathematics 2B 2 nd Edition Textbook 4. New Mathematics Counts 2 for Secondary Normal	Expand algebraic expressions of the form $(ax + b)(cx + d)$ $(ax + by)(cx + dy)$ where a, b, c and d are integers.

				(Academic)	
28	31/07 TO 02/08	5.3 Factorise algebraic expressions	To let the students to know how to: Factorise algebraic expressions of types: $ax + ay$ and $ax + bx$ $ax + bx + kay + kby$ $a^2 - b^2$	1. Secondary Mathematics 2A 2 nd Edition Textbook 2. Secondary Mathematics 2A Normal (Technical) Course 3. Secondary Mathematics 2B 2 nd Edition Textbook 4. New Mathematics Counts 2 for Secondary Normal (Academic)	Include evaluating the difference between the squares of two numbers
28 & 29	03/08 TO 09/08	TEST 2			
29 & 30	10/08 TO 19/08	5.4 Linear equations	At the end of this unit, students should be able to: Solve simple linear equation in one variable involving brackets	1. Secondary Mathematics 2A 2 nd Edition Textbook 2. Secondary Mathematics 2A Normal (Technical) Course 3. Secondary Mathematics 2B 2 nd Edition Textbook 4. New Mathematics Counts 2 for Secondary Normal (Academic)	Exclude cases involving fractional and decimal coefficients
31	21/08	ISRAK MIKRAJ			
31	22/08 TO 26/08	5.5 Formula	To let the students to know how to: Transform simple formulae	1. Secondary Mathematics 2A 2 nd Edition Textbook 2. Secondary Mathematics 2A Normal (Technical) Course 3. Secondary Mathematics 2B 2 nd Edition Textbook 4. New Mathematics Counts 2 for Secondary Normal (Academic)	
32	28/08 TO 31/08	5.6 Problem-Solving	At the end of this unit, student should be able to: Solve simple problems involving linear equations	1. Secondary Mathematics 2A 2 nd Edition Textbook 2. Secondary Mathematics 2A Normal (Technical) Course 3. Secondary Mathematics 2B 2 nd Edition Textbook 4. New Mathematics Counts 2 for Secondary Normal	

				(Academic)	
32 & 33	02/09 TO 10/09	TERM 3 - HOLIDAYS			
34	11/09 TO 16/09	6: STATISTICS 6.1 Graphical Representation of Data	At the end of this unit, students should be able to: a. Collect, process and represent data in the form of pie charts and line graphs b. Collect and classify data using a frequency distribution table c. Represent a frequency distribution in the form of a histograms with equal intervals	1. Secondary Mathematics 2A 2 nd Edition Textbook 2. Secondary Mathematics 2A Normal (Technical) Course 3. Secondary Mathematics 2B 2 nd Edition Textbook 4. New Mathematics Counts 2 for Secondary Normal (Academic)	By including practical work such as conducting simple surveys as part of this topic.
35	18/09 TO 23/09	6.2 Averages	To let the students to know how to: Find mode, median and mean from a set of values	1. Secondary Mathematics 2A 2 nd Edition Textbook 2. Secondary Mathematics 2A Normal (Technical) Course 3. Secondary Mathematics 2B 2 nd Edition Textbook 4. New Mathematics Counts 2 for Secondary Normal (Academic)	Distinguish between mode, median and mean
36	25/09 TO 30/09	6.3 Surveys	To let the students to know how to: a. Discuss the use of an appropriate measure of average to represent a set of data b. Exclude finding the mean from grouped data. c. Use a calculator or computer to find the mean of a large set of data.	1. Secondary Mathematics 2A 2 nd Edition Textbook 2. Secondary Mathematics 2B 2 nd Edition Textbook 3. New Mathematics Counts 2 for Secondary Normal (Academic)	By conducting simple surveys in school involving the collection, tabulation, representation and interpretation of real life data.
37,38 & 39	02/10 TO 19/10	REVISION FOR END OF YEAR EXAM			
40	23/10 TO 28/10	HARI RAYA AIDIL FITRI HOLIDAYS			
41,42 & 43	30/10 TO 13/11	END OF YEAR EXAMINATION			

