

Beatty Secondary School

Secondary Three

Topics for SA2 (2019)

Secondary 3 Normal (Technical)

Format & Components By Subject

Subject	Format of Assessment	Components/Topics	Marks	Weighting for SA2
English Language	Paper 1	Section A: Form Filling Functional Writing Section B: Guided Writing Total	10 m 20 m 30 m 60 m	30 %
	Paper 2	Comprehension Parts 1-6	80 m	
	Paper 3	Listening	20 m	10 %
	Paper 4	Oral Communication Part 1: Reading Aloud Part 2: Spoken Interaction Total	15 m 25 m 40 m	20 %
Mathematics	Paper 1	Sec 3 topics: Chapter 1 (Indices and Standard Form) Chapter 2 (Map Scales) Chapter 3 (Algebraic Expressions, Equations and Formulae) Chapter 4 (Simultaneous Linear Equations and Quadratic Equations) Chapter 5 (Functions and Graphs) Chapter 6 (Practical Applications of Mathematics) Lower Sec topics: <u>Sec 1 topics</u> 1. Decimals (Rounding off and Estimation) 2. Percentage <u>Sec 2 topics</u> 1. Triangles and Quadrilaterals 2. Congruency and Similarity 3. Algebraic Manipulation 4. Linear Equations 5. Rate, Speed and Proportion 6. Functions and Graphs	50 m	50 %

Subject	Format of Assessment	Components/Topics	Marks	Weighting for SA2
	Paper 2	<p>Sec 3 topics: Chapter 1 (Indices and Standard Form) Chapter 2 (Map Scales) Chapter 3 (Algebraic Expressions, Equations and Formulae) Chapter 4 (Simultaneous Linear Equations and Quadratic Equations) Chapter 5 (Functions and Graphs)</p> <p>Lower Sec topics: <u>Sec 1 topics</u> 1. Ratio 2. Decimals (Rounding off and Estimation) 3. Percentage</p> <p><u>Sec 2 topics</u> 1. Algebraic Manipulation 2. Linear Equations 3. Rate, Speed and Proportion 4. Functions and Graphs</p>	50 m	50%
5148 Science Syllabus T	Paper 1: MCQ	<ul style="list-style-type: none"> • Sources of Food • Food Chemistry • Effects of Force • Electricity • Sources of Electricity 	40 m	40 %
	Paper 2: Structured and Free Response		60 m	60 %
A201 Smart Electrical Technology	Paper 1: Written Examination MCQ	Electrical Principles & Circuit <ul style="list-style-type: none"> • Electrical Safety • Electric Circuits • Electric Circuits Laws • Electric Circuits Connections • Power and Energy in an Electric Circuit • Electric Power Sources • Electrical Hazards and Protection • Electrical Cables • Electrical Test Instruments • Conventional Lighting Circuits • Electrical Supply Systems 	30 m	100 %

Subject	Format of Assessment	Components/Topics	Marks	Weighting for SA2
Basic Chinese Language	Paper 1	Language Usage and Comprehension	30 m	30 %
	Paper 2	Oral Exam (Reading and Conversation)	50 m	50 %
	Paper 3	Listening Comprehension	20 m	20 %
Basic Malay Language	Paper 1	Language Usage and Comprehension (Textbooks A & B)	30 m	30 %
	Paper 2	Oral Exam (Reading and Conversation)	50 m	50 %
	Paper 3	Listening Comprehension	20 m	20 %
Basic Tamil Language	Paper 1	Language Usage and Comprehension 1. Cloze Passages 1 & 2 (MCQ) 2. Graphic Stimulus 1 (MCQ) 3. Reading Comprehension 1 (MCQ) 4. Graphic Stimulus 2 (MCQ, Open-ended Q and SMS/email open-ended format)	30 m	30 %
	Paper 2	Oral Exam (Reading and Conversation)	50 m	50 %
	Paper 3	Listening Comprehension	20 m	20 %
EBS	Short response and Structured Questions	Ch 1 to 6	100 m	100 %
Art	Paper 2	Selected Theme <ul style="list-style-type: none"> • Investigation of Task (25%) • Aesthetic/Design Qualities (25%) • Presentation (25%) • Personal Response (25%) 	100 m	60 %
Design & Technology	Paper 1 (Written Paper)	<ul style="list-style-type: none"> • Knowledge with Understanding • Design Thinking Skills (Include Mechanism and Electronics) • Design Manipulating Skills 	50 m	30 %
	Paper 2 (Coursework)	Realising the prototype	30 m	70 %

Subject	Format of Assessment	Components/Topics	Marks	Weighting for SA2
Food Studies	Paper 1	Topic: <ul style="list-style-type: none"> • Vegetables • Fruits • Convenience food • Dairy products • Seafood • Food safety • Heat transference • Methods of cooking • Meal planning 	80 m	40 %
	Paper 2	Coursework	60 m	60 %
Computer Applications	Paper 1 (Theory)	Topics: Computer Fundamentals Media Elements Document Processing Spreadsheets Media Computing Multimedia Communication		30 %
		Components: MCQ SSQ	20 m 40 m	
		Total	60 m	
	Paper 2 (Practical)	Media Elements (Inkscape)	21 m	70 %
		Documents Processing (MS word)	21 m	
Spreadsheet (MS Excel)		28 m		
Total	70 m			