

**Secondary 3 WA 1  
Topics / Skills tested**

			<b>Express</b>	<b>Normal Academic</b>	<b>Normal Technical</b>
<b>No</b>	<b>Subject</b>		<b>Topics / Skills</b>	<b>Topics / Skills</b>	<b>Topics / Skills</b>
1	English Language	Written Paper	Paper 1: Persuasive Writing	Paper 1: Persuasive Writing	Paper 2: Language and Comprehension
2a	Malay Language	Written Paper	Paper 2: Grammar and Vocabulary	Paper 2: Grammar and Vocabulary	Paper 2: Language and Comprehension
2b	Higher Chinese Language	Written Paper	Paper 2: Grammar and Vocabulary		
2c	Chinese Language	Written Paper	Paper 2: Grammar and Vocabulary	Paper 2: Grammar and Vocabulary	Paper 2: Language and Comprehension
2d	Tamil Language	Written Paper	Paper 2: Grammar and Vocabulary	Paper 2: Grammar and Vocabulary	Paper 2: Language and Comprehension
3	Mathematics	Written Paper	Chapter 1: Quadratic and Fractional Equations	Chapter 1: Algebraic Expressions and Formulae Chapter 2.1 Solving Quadratic Equations by Factorisation	Chapter 1: Indices and Standard Form Chapter 2: Map Scales
4	Additional Mathematics	Written Paper	Chapter 1: Quadratic Functions Chapter 2.1: Simultaneous Equations Chapter 2.2: Nature of Roots of a Quadratic Equation	Chapter 1: Quadratic Functions Chapter 2.1: Simultaneous Equations Chapter 2.2: Nature of Roots of a Quadratic Equation	
5	Social Studies	Written Paper	Chapter 1 (What does citizenship mean to me?) SBQ Skill SRQ Skill	Chapter 1 (What does citizenship mean to me?) SBQ Skill SRQ Skill	

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6a	Humanities - Geography	Written Paper	Geography of Everyday Life: Topic 1: Thinking Geographically Topic 2: Sustainable Neighbourhoods (until 2.1)	Geography of Everyday Life: Topic 1: Thinking Geographically Topic 2: Sustainable Neighbourhoods (until 2.1)	
6b	Humanities - History	Written Paper	Chapter 1: Paris Peace Conference and the League of Nations SBQ Skill SEQ Skill	Chapter 1: Paris Peace Conference and the League of Nations SBQ Skill SEQ Skill	
6c	Humanities - Literature	Written Paper	Section A: Set Text (PBQ)		
7	Physics	Written Paper	Topic 1 Physical Quantities Units and Measurements Topic 2 Kinematics		
8	Chemistry	Written Paper	1) Kinetic Particle Theory 2) Atomic Structure 3) Ionic & Covalent Bonding		
9	Biology	Written Paper	Cell Structure and Organisation Movement of Substances Nutrients Enzymes		
10	Science - Biology	Written Paper	Cell Structure and Organisation Movement of Substances Nutrients	Cell Structure and Organisation Movement of Substances	
11	Science - Physics	Written Paper	Topic 1 Physical Quantities Units and Measurements Topic 2 kinematics up to 2.2	Topic 1 Physical Quantities Units and Measurement Topic 2: kinematics (Distance-time Graph)	

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12	Science - Chemistry	Written Paper	Experimental Techniques & Methods of Separation & Purification	Experimental Techniques & Methods of Separation & Purification	Experimental Techniques & Methods of Separation & Purification
13	Art	Written Paper	Design Task: Pen & Paper	Design Task: Pen & Paper	
14	NFS	Written Paper	- Chapt 1: Proteins & Food Science Reactions - Chapt 2: Carbohydrates & Food Science Reactions - Chapt 3: Fats & Food Science Reactions	- Chapt 1: Proteins - Chapt 2: Carbohydrates - Chapt 3: Fats	
15	D&T	Written Paper	Design Communications	Design Communications	
16	Computer Application	Written Paper			
17	EBS	Written Paper			Chapter 1: Introduction to Business Chapter 2.2: Hospitality
18	Mobile Robotics	Written Paper			Chapter 1: Mobile Robots Chapter 2: Basic Electricity
19	NT Science	Written Paper			Chapter 1 Energy