

**Springfield Secondary School**  
**2022 Mid-Year Examination Synopsis**  
**Secondary 4 Normal (Academic)**

Subject	Synopsis
English Language	Paper 1: Writing (Editing, Situational Writing & Free Writing) Paper 2: Comprehension Paper 3: Listening Paper 4: Oral Communication (conducted separately)
O' English Language	Paper 1: Writing (Editing, Situational Writing & Free Writing) Paper 2: Comprehension Paper 3: Listening Paper 4: Oral Communication (conducted separately)
Mathematics	Secondary 1 - Secondary 3 topics Chapter 1: Applications of Trigonometry Chapter 2: Arc Length, Sector Area and Radian Measure Chapter 3: Probability of Combined Events Chapter 4: Cumulative Frequency Chapter 5: Mean and Standard Deviation
Additional Mathematics	All Secondary 3 and 4 topics.
O' Mathematics	All topics from Secondary 1 to 4 (exclude Vectors)
Science (Physics)	All Secondary 3 Topics All Secondary 4 Topics (Exclude Practical Electricity)
Science (Chemistry)	All Secondary 3 Topics Secondary 4 Topics: Preparation of Salts, Periodic Trends, Metals and Mole Concept
Science (Biology)	All Secondary 3 Topics Secondary 4 Topics: Transport in Humans, Respiration in Humans, Reproduction in Plants
O' Science (Physics)	All Secondary 3 Topics All Secondary 4 Topics (Exclude Practical Electricity)
O' Science (Chemistry)	All Secondary 3 Topics All Secondary 4 Topics (Exclude Organic Chemistry)
O' Science (Biology)	All Secondary 3 Topics All Secondary 4 Topics (Exclude Heredity, Molecular Genetics, Ecology and Our Impact on the Ecosystem)
Chinese Language	Paper 1: Email Writing and Essay Paper 2: Vocabulary and Comprehension Paper 3: Oral and Listening Comprehension (conducted separately)
O' Chinese Language	Paper 1: Email Writing and Essay Paper 2: Vocabulary and Comprehension Paper 3: Oral and Listening Comprehension (conducted separately)
Chinese Language B	Paper 1: Email Writing or Picture Composition Paper 2: Vocabulary and Comprehension Paper 3: Oral and Listening Comprehension (conducted separately)

Malay Language	Paper 1: Email Writing and Essay Paper 2: Vocabulary, Idioms and Comprehension Paper 3: Oral and Listening Comprehension (conducted separately)
O' Malay Language	Paper 1: Email Writing and Essay Paper 2: Vocabulary, Idioms and Comprehension Paper 3: Oral and Listening Comprehension (conducted separately)
Social Studies	Section A: Source-Based Question Section B: Structured Response Question
Elective Geography	2175/2 Section A: Weather and climate GI / Tourism GI (13m) [2 Questions choose 1] Section B: Tourism (12m) [compulsory] Section C: Living with tectonic hazards / Weather and climate (25m) [2 Questions choose 1]
Elective History	2176/2 Section A : Source Based Case Study (5 questions - compulsory) 30m Section B : Strutured Essay Question (2 questions set, answer 1) 20m Book 1 Chapter 2 Stalin's Soviet Union Book 1 Chapter 3 Hitler's Germany Book 1 Chapter 4 Outbreak of WW2 in Europe Book 1 Chapter 5 Germany's Defeat in WW2
Nutrition and Food Science	3 Sections (80 m) Section A: Multiple Choice Questions (16 m) Section B: Short Answer & Data Response Questions (40m) Section C: Open Ended Essay Questions (24m)
Design & Technology	3 Structured Questions: (60 m) Question 1) Design Topics (24m) Question 2) Mechanisms Technology (18m) Question 3) Electronics Technology (18m)
Art	Paper 2: Painting and Drawing (100m)