

Northbrooks Secondary School
Secondary Four Normal (Academic)

Subject	Topics Covered for Prelim Exam 2023	Format of Paper
English Language [Syllabus 1190]	<p>Paper 1: Writing Section A (Editing): Identify and edit grammatical errors in a short written text.</p> <p>Section B (Situational Writing): Write 180-250 words on a given situation which will involve viewing a visual text.</p> <p>Section C (Continuous Writing): Write 250-400 words on one of four topics set. These four topics may involve the writing of text types such as narrative / personal recount, descriptive, expository and argumentative.</p> <p>Paper 2: Comprehension Reading comprehension questions and 1 summary question based on four texts (i.e. visual, narrative and non-narrative).</p> <p>Paper 3: Listening While listening and viewing, recognise voice qualities, identify main ideas and details, make predictions and inferences.</p> <p>Paper 4: Oral Communication Plan and deliver a response and engage in a discussion with examiners based on a video clip.</p>	<p><u>Paper 1: Writing [70m] (35%)</u> Section A: Editing [10m] Section B: Situational Writing [30m] Section C: Continuous Writing [30m]</p> <p><u>Paper 2: Comprehension [50m] (35%)</u> Section A: Comprehension questions based on Texts 1 & 2, one of which is a visual text [5m] Section B: Comprehension questions based on Text 3, which is a narrative or recount [20m] Section C: Comprehension questions based on Text 4, a non-narrative text, and an 80-word response to a summary writing task. [25m]</p> <p><u>Paper 3: Listening Comprehension [30m] (10%)</u> Section A: Parts 1 – 3 (A variety of listening tasks) [22m] Section B: Part 5 (Note-taking) [8m]</p> <p><u>Paper 4: Oral Communication [30m] (20%)</u> After 10 minutes of preparation time, students will be assessed on: Part 1: Planned Response to a video clip [15m] Part 2: Spoken Interaction (discussion on a topic based on the same video clip) [15m]</p>
Chinese Language	<ol style="list-style-type: none"> 1. 实用文：电子邮件 Email writing 2. 作文：记叙文和议论文 Composition 3. 语文的理解与运用 Comprehension Skills 内容：一般篇章。现实生活中接触的语料。 4. 口试：日常生活篇章 / 录像，评论和新闻等 5. 听力：新闻，故事，广告，短文，演讲等 	<p>试卷（一）[60m/30%]：实用文及作文（各一题）</p> <p>试卷（二）[60m/30%]：综合填空、阅读理解一、阅读理解二</p> <p>试卷（三）[80m/40%]：口试及听力</p>

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Malay Language	1. Functional Writing & Composition 2. Grammar - <i>Imbuhan, Peribahasa, Melengkapkan Teks</i> 3. Comprehension - Objective - Subjective 4. Oral & Listening Comprehension	Paper 1 - Section A (20m/10%) : Formal Email Writing, Informal Email Writing - Section B (40m/20%) : Composition Paper 2 - Section A (20m/10%) : Grammar - Section B (10m/5%) : Objective Comprehension - Section C (30m/15%) : Subjective Comprehension Paper 3 - Reading (20m/10%) - Video Conversation (40m/20%) - Listening Comprehension (20m/10%)
Chinese B	1. Email Writing or Picture Writing 2. Comprehension (Objective) 3. Oral & Listening Comprehension	Paper 1 - (20%): Email Writing or Picture Writing Paper 2 - (30%): Cloze Text, Comprehension 1 & 2 Paper 3 - (50%) : Reading, Video Conversation, Listening Comprehension
Mathematics	All Secondary 1 to 4 topics	Paper 1: Short answer questions. (70 marks) (50%) Paper 2: Questions of varying marks and lengths. (70 marks) (50%)
Mathematics (Express)	All Secondary 1 to 4 topics	Paper 1: Short answer questions. (90 marks) (50%) Paper 2: Questions of varying marks and lengths. (90 marks) (50%)
Science (Physics/Chemistry)	Science Physics: Chapters 1 to 18 Science Chemistry: Chapters 1 to 7, 10 to 15, 20 to 22.3	<u>Paper 1 and 2: Science Physics</u> Paper 1: 20 Multiple Choice Questions [20m] (20%) Paper 2: Structured questions [30m] (30%) <u>Paper 3 and 4: Science Chemistry</u> Paper 3: 20 Multiple Choice Questions [20m] (20%) Paper 4: Structured questions [30m] (30%)
Science (Chemistry/Biology)	Science Chemistry: Chapters 1 to 7, 10 to 15, 20 to 22.3 Science Biology: Chapters 2-10, 14-15	<u>Paper 3 and 4: Science Chemistry</u> Paper 3: 20 Multiple Choice Questions [20m] (20%) Paper 4: Structured questions [30m] (30%) <u>Paper 5 and 6: Science Biology</u> Paper 5: 20 Multiple Choice Questions [20m] (20%) Paper 6: Structured questions [30m] (30%)

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Social Studies (2175/01) (2176/01)	<p><u>Issue 1: Exploring Citizenship and Governance</u> Chapter 1: What does it mean for me to be a citizen of my country? Chapter 2: How do we decide what is good for society? Chapter 3: How can we work for the good of society?</p> <p><u>Issue 2: Living in a Diverse Society</u> Chapter 4: What is diversity? Chapter 5: Why is there greater diversity in Singapore now? Chapter 6: What are the experiences and effects of living in a diverse society? Chapter 7: How can we respond in a diverse society?</p> <p><u>Issue 3: Living in a Globalised World</u> Chapter 8: What does it mean to live in a globalised world? Chapter 9: How do we respond to tensions arising from some economic impacts of globalisation?</p>	<p>Section A: One Source-Based Case Study (35 marks) (35%) 1 Compulsory Question with no more than 5 Sub-Parts</p> <table><tr><th>Question</th><th>Skills tested</th></tr><tr><td>1-4</td><td>Source-handling skills on specific sources</td></tr><tr><td>5</td><td>Source-handling skills requiring use of multiple sources – question will relate directly to the issue of the case study</td></tr></table> <p>Section B: Structured-Response Questions (15 marks) (15%) 1 Compulsory Question with 2 Sub-Parts</p> <table><tr><th>Question</th><th>Skills tested</th></tr><tr><td>6</td><td>Constructing explanation by giving reasoned argument and/or making recommendation on an issue (single strategy / monocausal) – question will require candidates to consider the issue in the context of Singapore</td></tr><tr><td>7</td><td>Constructing explanation of two factors / perspectives on an issue</td></tr></table>	Question	Skills tested	1-4	Source-handling skills on specific sources	5	Source-handling skills requiring use of multiple sources – question will relate directly to the issue of the case study	Question	Skills tested	6	Constructing explanation by giving reasoned argument and/or making recommendation on an issue (single strategy / monocausal) – question will require candidates to consider the issue in the context of Singapore	7	Constructing explanation of two factors / perspectives on an issue
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History elective (2176/02)	<p>Unit 1: The World in Crisis (Sec 3 Textbook) Chapter 1: Impact of World War I Chapter 2: Stalin’s Soviet Union Chapter 3: Hitler’s Germany Chapter 4: Outbreak of World War II in Europe Chapter 5: Germany’s Defeat in WWII Chapter 6: Outbreak of WWII in the Asia Pacific Chapter 7: Japan’s Defeat in WWII</p> <p>Unit 3: Bi-Polarity & the Cold War (Sec 4 Textbook) Chapter 1 - Reasons for the Cold War Chapter 2: The Korean War</p>	<p>Section A: Source-Based Case Study (30 marks)</p> <ul style="list-style-type: none">Q1a–e: source-based questions, based on any of the following topics:<ol style="list-style-type: none">Stalin’s Soviet UnionHitler’s GermanyThe Korean War <p>Section B: Structured-Essay Questions (20 marks)</p> <ul style="list-style-type: none">Answer 1 out of 2 questions setEach question will have 2 sub-parts<ul style="list-style-type: none">Part (a) requires candidates to describe events and/or issues [8m]Part (b) requires candidates to explain events and/or issues [12m]												

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Geography Elective (2175/02)	<p>Topic 1: Living with tectonic hazards</p> <ul style="list-style-type: none"> • KQ1: Why are some areas more prone to tectonic hazards? • KQ2: What landforms and associated tectonic phenomena are found at plate boundaries? <p>Topic 2: Variable Weather and Changing Climate</p> <ul style="list-style-type: none"> • KQ1: Why do different places experience different weather and climate? • KQ2: What is happening to earth's climate? <p>Topic 3: Global Tourism</p> <ul style="list-style-type: none"> • KQ1: How does the nature of tourism vary from place to place? • KQ2: Has tourism become a global phenomenon? • KQ3: Developing tourism: at what cost? 	<p>Section A: Geographical Investigation (13 marks) One question will be set on each topic. Candidates must answer one question in this section. The question will have no more than 6 sub-parts. Topics tested:</p> <ol style="list-style-type: none"> 1. Global Tourism 2. Variable Weather and Changing Climate <p>Section B: Structured Question (12 marks) Candidates must answer the question. The question will have no more than 3 sub-parts inclusive of 1 open-ended question. Topic tested: Global Tourism</p> <p>Section C: Structured Question (25 marks) Candidates must answer one question from a choice of two questions. The question will have no more than 5 sub-parts inclusive of 1 open-ended question. Topics tested:</p> <ol style="list-style-type: none"> 1. Living with Tectonic Hazards 2. Variable Weather and Changing Climate
Art	Paper 2: Drawing and Painting	<p><u>Preparatory Studies</u></p> <ul style="list-style-type: none"> · Question paper issued 3 weeks in advance. · Based on the chosen theme, students are to work on preparatory studies. · Preparatory studies must be submitted for assessment together with examination work. · Preparatory studies must consist of not more than 5 A3 sheets of paper. <p><u>Final Painting</u></p> <p>To complete a 3-hour drawing / painting paper of their final work and submit preparatory studies together with final work.</p> <p><u>SA Result Component:</u></p> <p>40%- Paper 2 60%- O Level Art Coursework</p>
Design and Technology 7055 New syllabus	All Design section All Technology section	<p><u>Paper 1: Written paper [60m] (40%)</u> Answer all questions. One case-based design question set based mainly on the design content section. (24 marks)</p>

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		<p>Two design application questions relating to mechanisms, electronics from the Technology content section; one question on each area. (36 marks)</p> <p><u>Paper 2: Coursework [34m] (60%)</u> Students are graded based on their Planning for and monitoring of the design project, formulating design brief and specifications, generating and developing ideas, sketching and drawing to design & using mock-up to design.</p>
Nutrition and Food Science 6073	<p>SEAB SYLLABUS GUIDE:</p> <ol style="list-style-type: none"> 1. Nutrients, Water and Dietary Fibre 2. Diet and Health Problems 3. Food Management 4. The Science of Food Preparation and Cooking 5. Reactions in Food during Preparation and Cooking 6. Evaluation of Food 7. Smart Consumer <p>https://www.seab.gov.sg/docs/default-source/national-examinations/syllabus/nlevel/2023syllabus/6073_y23_sy.pdf</p>	<p><u>Paper 1: Written Paper [80m] (60%)</u> Section A: 16 marks (multiple choice type questions) Section B: 40 marks (short-answer type questions) Section C: 24 marks (structured type questions) Sub-total: 80 marks</p> <p><u>Paper 2: Coursework (40%)</u></p>