

Woodgrove Secondary School
End-of-Year Examination 2022
Topics Coverage & Assessment Format

Level/Stream: Sec 3 Express

Subject	Topics/ Chapters	Assessment Format (format, duration, total marks & date of assessment)
English Language & 3NA (SBB Exp)	<p>Paper 1 [70 marks] (35%) Section A: Editing (10 marks) Students identify and correct grammatical errors in a short written text.</p> <p>Section B: Situational Writing (30 marks) • Report Writing (250 – 350 words) on a given situation which will involve viewing a visual text.</p> <p>Section C: Continuous Writing (30 marks) • A range of question types (e.g. Personal Recount, Descriptive, Expository, etc.) • Students choose one question only out of four (350 – 500 words)</p> <p>Paper 2 [50 marks] (35%) Section A: Text 1 and 2 (5 marks) • Visual Texts</p> <p>Section B: Text 3 (20 marks) • Narrative or Personal Recount Text</p> <p>Section C: Text 4 (25 marks) • Non-Narrative Text</p> <p>Paper 3: Listening Comprehension [30 marks] (10%) The paper consists of 2 parts. The first focusses on comprehension questions (22m) while the second portion focusses on note-taking (8m).</p> <p>Paper 4: Oral Communication [30 marks] (20%) Part 1: Planned Response Students plan and deliver a response to a video clip and an accompanying prompt.</p> <p>Part 2: Spoken Interaction Students engage in a discussion with the examiners on a topic based on the same video clip.</p>	<p>1 hr 50 mins Total marks: 70</p> <p>1 hr 50 mins Total marks: 50</p> <p>Approx 1 hr Total marks: 30</p> <p>Approx 15 mins Total marks: 30</p>
Chinese Language & 3NA (SBB Exp)	<p>试卷一 (2 小时)</p> <ul style="list-style-type: none"> • 实用文 (20 分) (任选一题) – 1 题私人电邮 – 1 题公务电邮 • 作文 (40 分) (任选一题) – 1 题情境作文 – 1 题论说文 – 1 题材料作文 	<p>Paper 1 (60 marks) Duration : 2 hr</p> <p>Paper 2 (70 marks) Duration : 1hr 30 mins</p> <p>Listening Comprehension (20 marks) Duration : 30 mins</p> <p>Oral (50 marks) (conducted in Term 2)</p>

Woodgrove Secondary School
End-of-Year Examination 2022
Topics Coverage & Assessment Format

Subject	Topics/ Chapters	Assessment Format (format, duration, total marks & date of assessment)
	<p>试卷二 (1 小时 30 分钟)</p> <ul style="list-style-type: none"> 综合填空 (10 题 10 分) 多项选择 (篇章包括新闻、故事、短文) 阅读理解一 (10 题 20 分) 多项选择 (现实生活中接触的语料 , 如 : 新闻、广告、宣传小册子和篇章包括新闻、故事、短文) 阅读理解二 (10 题 40 分) 自由作答 (篇章包括新闻、故事、短文) <p>听力考试 (30 分钟)</p> <ul style="list-style-type: none"> 10 题 20 分 考查内容包括日常会话、广告、说明、故事、新闻报道等 	
<p>Malay Language</p> <p>&</p> <p>3NA (SBB Exp)</p>	<p>Paper 1 (Email & Essay Writing) – 60 m</p> <ul style="list-style-type: none"> Sect A (20m) Email (1 Formal and 1 Non-formal) [Choose 1 out of 2 Email questions] Sect B (40m) 1 Narrative, 1 Expository, 1 Descriptive [Choose 1 out of 3 Essay questions] <p>Paper 2 - 70 m</p> <ul style="list-style-type: none"> <u>Section A (30m) – Grammar</u> Pengimbuhan – awalan, apitan & akhiran Peribahasa Melengkapkan Teks – Golongan Kata <u>Section B (10m) - Comprehension MCQ</u> Pemahaman berbentuk MCQ berdasarkan bahan autentik – iklan, brosur, poster, risalah, menu dan lain-lain lagi <u>Section C (30m) - Comprehension Subjective</u> Pemahaman berbentuk subjektif berdasarkan teks naratif <p>Listening Comprehension – 20m</p> <ul style="list-style-type: none"> 10 MCQ Questions <p>Oral Presentation – 50m</p> <ul style="list-style-type: none"> Oral exam was conducted in term 2 	<p>Paper 1 (60 marks) Duration : 2 hr</p> <p>Paper 2 (70 marks) Duration : 1hr 30 mins</p> <p>Listening Comprehension (20 marks) Duration : 30 mins</p> <p>Oral (50 marks) (conducted in Term 2)</p>

Woodgrove Secondary School
End-of-Year Examination 2022
Topics Coverage & Assessment Format

<p>Elementary Mathematics</p> <p style="text-align: center;">&</p> <p>3NA (SBB Exp)</p>	<p>Sec 3 Topics Chapter 1: Indices Chapter 2: More Abt Quadratic Equations Chapter 3: Linear Inequalities Chapter 4: Conditions Of Congruence And Similarity Chapter 5: Coordinate Geometry Chapter 6: Functions and Graphs Chapter 7: Trigonometry Chapter 8: Applications Of Trigonometry Chapter 9: Arc Lengths, Sector Areas and Radian Measure Chapter 10: Properties of Circles</p> <p>Lower Sec Topics Algebra and their Operations Real numbers Factors and Multiples, Prime Factorisation Ratio and Proportion Map Scales Financial Transactions Percentage Rate and Speed Simultaneous Equations Pythagoras' Theorem Angles, Triangles and Polygons, Data Analysis and Probability Measures of Central Tendency (Mean, Median, Mode) Mensuration Number Pattern Textbook: Discovering Mathematics (Star Publishing Pte Ltd)</p>	<p>Paper 1 (90 marks) Answer all questions</p> <p>Duration: 2hr 15 mins</p> <p>Paper 2 (90 marks) Answer all questions.</p> <p>Duration: 2hr 15 mins</p>
<p>Additional Mathematics</p>	<p>Chapter 1: Quadratic Functions Chapter 2: Equations and Inequalities Chapter 3: Surds Chapter 4: Polynomials and Partial Fractions Chapter 5: Exponential and Logarithmic Functions and Equations Chapter 6: Binomial Expansions Chapter 7.1 - 7.3: Coordinate Geometry of Lines and Rectilinear Figures Chapter 8: Coordinate Geometry of Circle Chapter 9: Trigonometric Functions, Graphs and Equations</p> <p>Textbook: New Discovering Additional Mathematics</p>	<p>Answer all questions.</p> <p>Total Marks: 90</p> <p>Duration: 2hr 15 mins</p>
<p>Pure Biology</p>	<p>Chapter 2: Cells Chapter 3: Movement of Substances Chapter 4: Nutrients Chapter 5: Enzymes Chapter 6: Nutrition in Humans Chapter 7: Nutrition in Plants Chapter 8: Transport in Humans Chapter 9: Transport in Plants Chapter 10: Respiration</p> <p>Textbook: 'O' Level Biology Matters 2nd Edition (Marshall Cavendish Education)</p>	<p>Section A (30 marks) Multiple Choice Questions</p> <p>Section B (40 marks) Structured Questions</p> <p>Section C (30 marks) Free Response Questions</p> <p>Total marks: 100</p> <p>Duration: 2 hr 15 mins</p>

Woodgrove Secondary School
End-of-Year Examination 2022
Topics Coverage & Assessment Format

Pure Chemistry	Chapter 1: Kinetic Particle Theory Chapter 2: Measurement and Experimental Techniques Chapter 3: Purification and Separation Chapter 4: Elements, Mixtures & Compounds Chapter 5: Atomic Structure Chapter 6: Ionic Bonding Chapter 7: Covalent and Metallic Bonding Chapter 8: Writing Chemical Equations Chapter 9: The Mole Chapter 10: Chemical Calculations (<i>Exclude % yield, % purity and empirical formula</i>) Chapter 11: Acids & Bases Chapter 12: Salts Chapter 14: Metals (<i>Only reactivity series and reactions with acids, steam and cold water</i>) Chapter 16: The Periodic Table Textbook: 'O' Level Chemistry Matters 2nd Edition (Marshall Cavendish Education)	Section A (30 marks) Multiple Choice Questions Section B (40 marks) Structured Questions Section C (30 marks) Free Response Questions Total marks: 100 Duration: 2 hr 15 mins
Pure Physics	Chapter 1: Measurement Chapter 2: Kinematics Chapter 3: Forces Chapter 4: Mass, Weight and Density Chapter 5: Turning Effect of Forces Chapter 6: Energy, Work & Power Chapter 7: Pressure Chapter 8: Temperature Chapter 9: Kinetic Model of Matter Chapter 10: Transfer of Thermal Energy Chapter 11: Thermal Properties of Matter Textbook: 'O' Level Physics Matters 4th Edition (Marshall Cavendish Education)	Section A (30 marks) Multiple Choice Questions Section B (40 marks) Structured Questions Section C (30 marks) Free Response Questions Total marks: 100 Duration: 2 hrs 15 mins
Combined Science (Biology)	Chapter 2: Cells Chapter 3: Movement of Substances Chapter 4: Nutrients Chapter 5: Enzymes Chapter 6: Nutrition in Humans Chapter 7: Nutrition in Plants Chapter 8: Transport in Humans Chapter 9: Transport in Plants Chapter 10: Respiration Chapter 11: The Nervous System Chapter 12: The Human Eye Chapter 13: Hormones Textbook: Discover Biology GCE 'O' Level Science (Marshall Cavendish Education)	Section A (15 marks) Multiple Choice Questions Section B (35 marks) Structured Questions Section C (20 marks) Free Response Questions Total marks: 70 Duration: 1 hr 30 mins

Woodgrove Secondary School
End-of-Year Examination 2022
Topics Coverage & Assessment Format

Combined Science (Physics)	<p>Chapter 1: Measurement Chapter 2: Kinematics Chapter 3: Forces and Pressure Chapter 4: Mass, Weight and Density Chapter 5: Turning Effect of Forces Chapter 6: Energy, Work & Power Chapter 7: Kinetic Model of Matter Chapter 8: Transfer of Thermal Energy Chapter 9: Thermal Properties of Matter Chapter 12: Electromagnetic Waves</p> <p>Textbook: Discover Physics GCE 'O' Level Science (Marshall Cavendish Education)</p>	<p>Section A (15 marks) Multiple Choice Questions</p> <p>Section B (35 marks) Structured Questions</p> <p>Section C (20 marks) Free Response Questions</p> <p>Total marks: 70</p> <p>Duration: 1 hr 30 mins</p>
Combined Science (Chemistry)	<p>Chapter 1: Kinetic Particle Theory Chapter 2: Measurement and Experimental Techniques Chapter 3: Separation and Purification Chapter 4: Elements, Compounds and Mixtures Chapter 5: Atomic Structure Chapter 6: Chemical Bonding Chapter 7: Writing Chemical Equations Chapter 8: The Mole Chapter 9: Chemical Calculations Chapter 10: Acids and Bases Chapter 11: Salts Chapter 14: The Periodic Table</p> <p>Textbook: GCE 'O' Level Chemistry Matters (Marshall Cavendish Education)</p>	<p>Section A (15 marks) Multiple Choice Questions</p> <p>Section B (35 marks) Structured Questions</p> <p>Section C (20 marks) Free Response Questions [both questions compulsory]</p> <p>Total: 70 marks</p> <p>Duration: 1 hr 30 mins</p>
Humanities (Social Studies)	<p>Skills: SBCS - Inference, Comparison, Reliability, Evaluation SRQ - Constructing explanations based on 3 extracts</p> <p>Content: Chapter 1 - What does it mean 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? 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?</p>	<p>Answer all questions.</p> <p>Section A (35 marks) Source-Based Case Study, Questions 1 - 5.</p> <p>Section B (15 marks) Structured Response Question, Questions 6 & 7.</p> <p>Total: 50 marks Duration : 1 hr 45 mins</p>

Woodgrove Secondary School
End-of-Year Examination 2022
Topics Coverage & Assessment Format

Humanities (Geography)	<ol style="list-style-type: none"> 1. Geographical Skills and Investigation <ul style="list-style-type: none"> ○ Gateway 3 (Sec 3 textbook pp. 166 – 177) 2. Living with Tectonic Hazards <ul style="list-style-type: none"> ○ Gateway 1, 2 and 3 (Sec 3 textbook pp. 2 – 69) 3. Variable weather and changing climate <ul style="list-style-type: none"> ○ Gateway 1 and 2 (Sec 3 textbook pp. 70- - 113) ○ Excludes: National responses (Sec 3 textbook pp. 114 - 115) <p>Textbook: All About Geography Upper Secondary – Physical Geography Elective (Revised Edition) (Hodder Education)</p>	<p>Answer all questions</p> <p>Section A (13 marks) Q1: Geographical investigation on variable weather & changing climate</p> <p>Section B (12 marks) Q2: Structured question on variable weather & changing climate</p> <p>Section C (25 marks) Q3: Structured question on living with tectonic hazards.</p> <p>Total: 50 marks Duration: 1 hr 40 mins</p>
Humanities (History)	<p><u>Content Coverage</u> 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 World War II</p> <p><u>Source-Based Case Study (SBCS) Skills</u> - Inference - Compare and Contrast - Reliability - Evaluation</p> <p><u>Structured-Essay Questions</u> - Explain events and/or issues [8m] - Evaluate and make judgement on event and/or issue[12m]</p>	<p>Section A (30 marks) - Source-Based Case Study - 5 sub-questions (all compulsory)</p> <p>Section B (20 marks) - Structured-Essay Questions - 2 questions choose 1 (Each question has 2 subparts)</p> <p>Total: 50 marks Duration: 1 hr 40 mins</p>
Humanities (Literature in English)	<p><u>Set Text Prose and Unseen Poetry</u></p> <p><u>Section A: Prose - Fahrenheit 451</u> Students should be familiar with The Hearth and The Salamander and The Sieve and the Sand. Students will be given a two-part passage-based question and two essay questions on <i>Fahrenheit 451</i> by Ray Bradbury. Students must answer only one.</p> <p><u>Section B: Unseen Poetry</u> Students will answer a two-part question on an unseen poem. Students will have two poems to choose from – one Singaporean poem and one non-Singaporean poem.</p>	<p>Total: 50 marks</p> <p>Duration: 1hr 40mins</p>

Woodgrove Secondary School
End-of-Year Examination 2022
Topics Coverage & Assessment Format

<p style="text-align: center;">Full Geography</p>	<p>Paper 1 Section A [25 marks] - Geographical Investigation (Coasts) [p.239 - 282]</p> <p>Section B [25 marks] - Coasts [p.4 - 77]</p> <ul style="list-style-type: none"> • Gateway 1: How and why are coastal environments different and dynamic? • Gateway 2: Why are coastal areas valuable? (Focus is on tropical coasts) • Gateway 3: How can we manage coastal areas in a sustainable manner? <p>Paper 2 Section A [25 marks] - Living with Tectonic Hazards [p.78 - 145]</p> <ul style="list-style-type: none"> • Gateway 1: Why are some areas more prone to tectonic hazards? • Gateway 2: What landforms and associated tectonic phenomena are found at plate boundaries? • Gateway 3: How do people prepare for and respond to earthquakes? <p>Section B [25 marks] - Variable Weather and Changing Climate (excluding KQ3) [p.146 - 183]</p> <ul style="list-style-type: none"> • Gateway 1: Why do different places experience different weather and climate? • Gateway 2: What is happening to Earth's climate? <p>Textbook: All About Geography Upper Secondary – Physical Geography (Revised Edition) (Hodder Education)</p>	<p>Paper 1 - 1hr 40 mins Total marks: 50 Structured questions</p> <p>Paper 2 - 1hr 30 mins Total marks: 50 Structured questions</p>
<p style="text-align: center;">Full Literature</p>	<p>Paper 1: Prose and Unseen Poetry</p> <p>Section A: Prose - Fahrenheit 451 Students should be familiar with the entire novel. Students will be given a two-part passage-based question and two essay questions on <i>Fahrenheit 451</i> by Ray Bradbury. Students must answer only one.</p> <p>Section B: Unseen Poetry Students will answer a two-part question on an unseen poem. Students will have two poems to choose from – one Singaporean poem and one non-Singaporean poem.</p> <p>Paper 2: Drama</p> <p>Students will be required to answer a passage-based question. Students should be familiar with the first 20 pages of the text, <i>Boom</i> by Jean Tay.</p>	<p>Paper 1: Prose and Unseen Poetry</p> <p>Total: 50 marks Duration: 1hr 40mins</p> <p>Paper 2: Drama</p> <p>Total: 25 marks Duration: 45 minutes</p>

Woodgrove Secondary School
End-of-Year Examination 2022
Topics Coverage & Assessment Format

Design & Technology	<p>Coursework (40% out of 60%): Design Project, journal & e-PB (excluding prototype)</p> <p>Written Exam (20% out of 60%): 4 questions on design, electronics, mechanism and structure.</p>	<p>Coursework (40% out of 60%): Design Project, total 48 marks.</p> <p>Written Exam (20% out of 60%): EOY paper – 80 marks (2-hour) Answer ALL questions Question 1: 26 out of 80 marks Question 2 – 4: 54 out of 80 marks</p>
Nutrition & Food Science	<p>Paper 1: Written Exam</p> <ol style="list-style-type: none"> 1. Proteins 2. Carbohydrates 3. Fats 4. Vitamins 5. Minerals 6. Water and Dietary fibre 7. Diet and health problems 8. Diet and meal planning 9. Meal Analysis 10. Sustainable Food Consumption 11. Preparation and cooking of food 12. Methods of cooking 13. Reactions in food during preparation & cooking 14. Sensory evaluation of food 15. Food Safety 16. Convenience food <p>Textbook: Nutrition & Food Science (Star Publishing)</p> <p>Paper 2: Coursework 2 Research: 10m Decision Making: 8m Investigation: 22m Planning: 6m Execution: 24m Evaluation: 8m Total: 80m</p>	<p>Paper 1: Section A: 15 marks (Multiple Choice Qns) Section B: 55 marks (Short Answer and data response type Qns) Section C: 30 marks (Essay Qns)</p> <p>Duration: 2 hrs Total marks: 100 marks (40%)</p> <p>Paper 2: 80 marks (60%) Coursework</p>

Woodgrove Secondary School
End-of-Year Examination 2022
Topics Coverage & Assessment Format

Art	<p>Candidates will be given the question paper three weeks prior to the examination day. Candidates choose one stimulus from the list of given themes. The preparatory works are to be done in class during Art lesson and at home. Candidates must keep their investigation and developments between three to five A3 sheets of the preparatory studies. They are to bring the preparatory works for submission on the examination day.</p> <p>Students are to bring their own drawing and colouring materials such as colour pencils, acrylic paints, brushes, markers, etc.</p> <p>PREPARATORY WORKS: Students are to produce:</p> <ol style="list-style-type: none"> 1. 8 Observational drawings: <ul style="list-style-type: none"> ● <i>The chosen objects are to be coloured & shaded.</i> 2. 6 Developmental studies <ul style="list-style-type: none"> ● <i>The drawings are to be coloured & shaded</i> 3. 2 Layouts: <ul style="list-style-type: none"> ● <i>Candidates must produce 2 different layout within the size of A4 drawing paper</i> 4. 2 Colour Scheme: <ul style="list-style-type: none"> ● <i>Candidates produce 2 different colour schemes based on the layout they have chosen.</i> 	<p>Art Paper 2: Drawing & Painting Duration: 3 hrs Total Marks: 100</p> <p>Candidates are to redraw the selected layout onto the A3 size drawing paper provided and complete the drawing with full rendering using colour pencils / acrylic paint / markers. Candidates are to submit their preparatory boards and final work for submission.</p>
------------	--	---