

**Woodgrove Secondary School  
N-Level Preliminary Examination 2022  
Topics Coverage & Assessment Format**

**Level/Stream: Sec 4 Normal (Technical)**

<b>Subject</b>	<b>Topics/ Chapters</b>	<b>Assessment Format</b> (format, duration, total marks & date of assessment)
<b>English Language</b>	<p><b>Paper 1: Writing (30%)</b>  <b>Section A: Functional Tasks</b></p> <ul style="list-style-type: none"> <li>Part 1: Form Filling Students fill in a form based on given information.</li> <li>Part 2: Functional Writing Students write about 80 words. They will be tested on writing an eye-witness account.</li> </ul> <p><b>Section B: Guided Writing</b></p> <ul style="list-style-type: none"> <li>Students write a text of at least 180 words. A visual stimulus will be given and students will write an article based on the visual and question provided.</li> </ul> <p><b>Paper 2: Language Use &amp; Comprehension (40%)</b></p> <p><b>Section A: Language Use</b></p> <ul style="list-style-type: none"> <li>Part 1: Editing Students edit grammatical errors in a given text.</li> <li>Part 2: Language in Spoken Context Students complete a transcript of a spoken text.</li> <li>Part 3: Modified Cloze I Students complete a cloze passage testing vocabulary.</li> <li>Part 4: Modified Cloze II Students complete a cloze passage testing grammar.</li> </ul> <p><b>Section B: Reading Comprehension</b></p> <ul style="list-style-type: none"> <li>Part 5: Comprehension I Students answer questions on an informational text.</li> <li>Part 6: Comprehension II Students answer questions on a text with visuals.</li> </ul> <p><b>Paper 3: Listening (10%)</b></p> <ul style="list-style-type: none"> <li>Students listen to a variety of spoken texts and complete a range of listening tasks. Spoken texts such as conversations, speeches, announcements, reports and informational texts may be included.</li> </ul> <p><b>Paper 4: Oral Communication [20%]</b>  Students will read aloud a text as well as engage in a discussion with the examiners on a topic based on a visual stimulus.</p>	<p>Paper 1 (60 m) Duration: 1 hr 15 mins</p> <p>Paper 2 (80 m) Duration: 1 hr 20 mins</p> <p>Paper 3 (20 m) Duration: 45 mins</p> <p>Paper 4 (40 m) Duration: 15 mins</p>

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<b>Basic Chinese Language</b>	<p><b>试卷一 (50 分钟) 30 分</b></p> <ul style="list-style-type: none"> <li>• 语文应用 (5 题 10 分)</li> <li>- 多项选择 (1 篇简短对话和 1 篇短文)</li> <li>• 阅读理解一(5 题 10 分)</li> <li>- 多项选择 (2 篇短文)</li> <li>• 阅读理解二 (4 题 10 分)</li> <li>- 多项选择 (一个实用性语料如宣传海报、广告、通告)</li> <li>- 自由作答 (比如, 手机简讯或是电邮)</li> </ul>	<p>Paper 1 (30marks) Duration : 50mins</p> <p>Listening Comprehension (20marks ) (conducted in Term 2)</p> <p>Oral 50marks (conducted in Term 2)</p>
<b>Basic Malay Language</b>	<p><b>Language Test</b>  <b>Grammar &amp; Vocabulary</b>            Sect A &amp; B - (5 questions: 10 marks)</p> <p><b>Comprehension &amp; SMS/Blog Writing</b>            Sect B - MCQ (5 questions: 10 marks)</p> <p><b>Comprehension &amp; SMS/Blog Writing</b>            - MCQ (2 questions: 2 marks)            - Open ended (1 question: 2 marks)            - SMS/Blog Writing (1 question: 4 marks)</p>	<p><b>Duration:</b>            Paper 1 - (30 marks)            50 minutes</p> <p>Listening Comprehension (20 marks ) (conducted in Term 2)</p> <p>Oral (50 marks) (conducted in Term 2)</p>
<b>Mathematics</b>	<p><u>Sec 1 Topics</u>            Chapter 1: Numbers            Chapter 2: Fractions            Chapter 3: Decimals            Chapter 4: Ratios            Chapter 5: Percentage            Chapter 6: Angles            Chapter 7: Statistics            Chapter 8: Symmetry            Chapter 9: Area and Perimeter            Chapter 10: Volume and Surface Area of Cubes and Cuboids            Chapter 11: Algebra            Chapter 12: Mathematics in Practical Situations</p> <p><u>Sec 2 Topics</u>            Chapter 1: Triangles &amp; Quadrilaterals            Chapter 2: Congruency and Similarity            Chapter 3: Algebraic Manipulation            Chapter 4: Linear Equations            Chapter 5: Rate and Proportion            Chapter 6: Functions and Graphs            Chapter 7: Pythagoras Theorem            Chapter 8: Prisms &amp; Cylinders            Chapter 9: Data Analysis            Chapter 10: Probability            Chapter 11: Mathematics in Practical Situation II</p>	<p><u>Paper 1 (50 marks)</u>            Answer all questions            Duration: 1 hr 30 mins</p> <p><u>Paper 2 (50 marks)</u>            Answer all questions            Duration: 1 hr 30 mins</p>

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	<p><u>Sec 3 Topics</u>  Chapter 1: Indices and Standard Form  Chapter 2: Map Scale  Chapter 3: Algebraic Expressions, Equations and Formulae  Chapter 4: Functions and Graphs  Chapter 5: Solution of Algebraic Equations  Chapter 6: Practical Applications of Mathematics</p> <p><u>Sec 4 Topics</u>  Chapter 1: Cumulative Frequency Distribution  Chapter 2: Mensuration  Chapter 3: Trigonometry  Real-World Task</p> <p>Textbook: Maths 360 (Publisher: Marshall Cavendish)</p>	
<b>Science (Syllabus T)</b>	<p>Module 4 Chapter 1: Energy  Module 4 Chapter 2: Waves  Module 4 Chapter 3: Forces  Module 4 Chapter 4: Electricity  Module 4 Chapter 5: Sources of Electricity  Module 5 Chapter 6: Sources of Food  Module 5 Chapter 7: Food Chemistry  Module 5 Chapter 8: Food Health and Safety  Module 6 Chapter 9: Digestion  Module 6 Chapter 10: Breathing  Module 6 Chapter 11: Fitness and Cardiac Health  Module 6 Chapter 12: Staying Healthy</p> <p>Textbook: Science Around Us Module 4, 5 &amp; 6</p>	<p><b>Paper 1 [1 h]</b>  Multiple Choice Questions  (40 marks)</p> <p><b>Paper 2 [1h 15 min]</b>  Structured Questions  (60 marks)</p>

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<b>Computer Applications</b>	<p><b>Paper 1 (Written) (1 hour 15 minutes)</b></p> <ul style="list-style-type: none"> <li>• Computer Fundamentals (CPF)</li> <li>• Media Elements (MEL)</li> <li>• Document processing (DOP)</li> <li>• Spreadsheets (SST)</li> <li>• Interactive Multimedia Communication (IMC)</li> <li>• Animation and Game Making (AGM)</li> </ul> <p><b>Paper 2 (Lab-based) (1 hour 30 minutes)</b>  This paper will assess skills in carrying out related tasks covering three modules:</p> <ul style="list-style-type: none"> <li>• Media Elements (MEL)</li> <li>• Document Processing (DOP)</li> <li>• Interactive Multimedia Communication (IMC)</li> </ul> <p><b>Paper 3 (Lab-based) (1 hour 30 minutes)</b>  This paper will assess skills in carrying out related tasks covering two modules:</p> <ul style="list-style-type: none"> <li>• Media Elements (MEL)</li> <li>• Spreadsheets (SST)</li> <li>• Animation and Game Making (AGM)</li> </ul>	<p><b>Paper 1 (60 marks)</b>  <b>Duration:</b>  <b>1 hour 15 minutes</b>  Answer all questions</p> <p>Section A (20 marks)  Multiple Choice Questions</p> <p>Section B (40 marks)  Structured Questions</p> <p><b>Paper 2 (70 marks)</b>  <b>Duration:</b>  <b>1 hour 30 minutes</b></p> <p><b>Paper 3 (70 marks)</b>  <b>Duration:</b>  <b>1 hour 30 minutes</b></p>
<b>Elements of Business Skills</b>	Chapter 1: Introduction to Business Chapter 2: Businesses in the The Travel and Tourism, Hospitality and Retail Industries Chapter 3: Introduction to Marketing Chapter 4: The Marketing Mix Chapter 5: Communication with the Customer Chapter 6: Customer Service Chapter 7 Business Investigation	<p><b>Paper 1 (100 marks)</b>  <b>Duration: 1 hr 30 mins</b></p> <p>Answer all questions</p>
<b>Design &amp; Technology</b>	<p>Written Paper (30%)  50 marks</p> <p>Question 1 -3 on Design-centric question: Technology in Society, Design Situation, Ideation, Evaluation, Research, Design Communication, Ergonomics &amp; Anthropometry (18 marks)</p> <p>Question 4 Electronics (16 marks)</p> <p>Question 5 Mechanism (16 marks)</p> <p>Refer to D&amp;T revision guide</p> <p>70% of overall marks from coursework</p>	<p>Answer all questions</p> <p>Duration: 1 hour</p> <p>Total: 50 marks</p>
<b>Art</b>	<p><b>Art Task Paper 1</b></p> <p>Candidates will be given the Art Task paper <b>5 weeks</b> prior to the examination day. Candidates must keep their investigation and developments between <b>three to five A3 sheets of the preparatory studies</b>. Candidates must submit the preparatory</p>	<p><b>Paper 1: Art Task</b>  <b>Duration: 3 hours</b>  <b>Total Marks: 100</b></p>

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	<p>studies together with their final solution at the end of the examination.</p> <p><b>PREPARATORY WORKS:</b>  Students are to produce:</p> <ol style="list-style-type: none"> <li>1. 6 Observational drawings:  <i><b>(The chosen objects are to be coloured &amp; shaded)</b></i></li> <li>2. 4 Developmental studies  <i><b>(The drawings are to be coloured &amp; shaded)</b></i></li> <li>3. 2 Layouts:  <i><b>(Candidates must produce 2 different layout within the size of A4 drawing paper)</b></i></li> <li>4. 2 Colour Scheme:  <i><b>(Candidates produce 2 different colour schemes based on the layout they have chosen)</b></i></li> </ol>	<p>Investigation and Development of a solution  <b>(25 marks)</b></p> <p>Aesthetic / Design Qualities <b>(25 marks)</b></p> <p>Visual Presentation <b>(25 marks)</b></p> <p>Personal Response <b>(25 marks)</b></p>