



# Singapore Curriculum Table of Specifications

## Year 8 International

### Year 8 Examinations Schedule

Semester 1			Semester 2		
English Paper 1	Wednesday 2-3 January	unspecified	English Paper 1	Monday 20-22 May	unspecified
English Paper 2	Friday 4 January	105 minutes	English Paper 2	Thursday 23 May	105 minutes
English Paper 3	Monday 7 January	120 minutes	English Paper 3	Friday 24 May	120 minutes
Mathematics 1	Tuesday 8 January	60 minutes	Mathematics 1	Monday 27 May	60 minutes
Mathematics 2	Tuesday 8 January	75 minutes	Mathematics 2	Monday 27 May	75 minutes
Science	Wednesday 9 January	105 minutes	Science	Tuesday 28 May	105 minutes
English Paper 4	Thursday 10 January	35 minutes	English Paper 4	Wednesday 29 May	35 minutes

### Home Help Tips

In **English** students should revise all vocabulary and grammar rules covered in the semester. They should practice reading aloud whenever possible to help improve fluency and pronunciation. If there is an English speaker at home then students should be encouraged to converse and talk about their day at school or the book they are reading in English.

For **Mathematics** it is highly recommended that students not only read over the topics and learn the rules they have covered but also that they revise questions from their workbook and do them again to practice solving problems using the methods they have learnt.

For **Mathematics** and **Science** it is strongly recommended that students write a summary of important facts and formulas as they revise their textbooks. This allows students to have all the important information in a short, and more easily studied, form. Also students have a far better chance of fully understanding and remembering information if they write it down rather than just read it.

Students need a quiet and comfortable study environment, with little or no distractions. Encourage them to think positively about their school work, thus improving their focus and confidence. It is also important to do some physical exercise during this period, in order to reduce stress levels and improve concentration.

We recommend students set up a homework schedule that allows plenty of time for regular revision of concepts leading up to the exam. Students should talk to the teacher **before** the examinations if having any concerns or questions.

## Year 8 ENGLISH

### English Exam Format

Paper 1 Speaking	Paper 2 Writing	Paper 3 Language and Comprehension	Paper 4 Listening
<p>Marks: 30 Percentage: 15% Time: N/A Task:</p> <ul style="list-style-type: none"> <li>• Reading Aloud (10 marks)                             <ul style="list-style-type: none"> <li>➤ passage should be 200-250 words</li> </ul> </li> <li>• Picture Discussion (10 marks)</li> <li>• Conversation (10 marks)</li> </ul>	<p>Marks: 60 Percentage: 30% Time: 105 minutes Task:</p> <ul style="list-style-type: none"> <li>• Situational Writing                             <ul style="list-style-type: none"> <li>○ 150-250 Words</li> <li>○ 30 Marks</li> </ul> </li> </ul> <p>Semester 1 must include a <b>formal letter of complaint</b> writing activity Semester 2 must include a <b>journal</b> writing activity</p> <ul style="list-style-type: none"> <li>• Continuous Writing                             <ul style="list-style-type: none"> <li>○ Choose 1 topic</li> <li>○ 250-350 Words</li> <li>○ 30 Marks</li> </ul> </li> </ul> <p>Semester 1 must include a <b>science fiction short story</b> writing activity Semester 2 must include a <b>short suspense story</b> writing activity</p>	<p>Marks: 100 Percentage: 45% Time: 120 minutes Task:</p> <p>Section 1: Text type 1 Reading Comprehension (15 marks) Summary (15 marks) Vocabulary (5 marks)</p> <p>Section 2: Text type 2 Reading Comprehension (10 marks) Vocabulary (5 marks)</p> <p>Section 3: Text type 3 Reading Comprehension (10 marks)</p> <p>Section 4: Vocabulary (15x1 mark)</p> <p>Section 5: Grammar (15 marks)</p> <p>Section 6: Editing Mistakes (10 marks)</p>	<p>Marks: 20 Percentage: 10% Time: 35 minutes Task:</p> <ul style="list-style-type: none"> <li>• 20 Graphics or text based MCQ</li> </ul> <p>Test on a variety of texts: narratives, conversations, advertisements, instructions.</p>

The exams will account for 90% of the grade per semester. The remaining 10% will come from on-going school based assessments.

### Paper 3 - Language and Comprehension

Semester 1 Content	Semester 2 Content
<p><b><u>Text: Step Ahead 2</u></b></p> <p>Unit 1 - Formal Correspondence Unit 2 - Traditional Stories</p>	<p><b><u>Text: Step Ahead 2</u></b></p> <p>Unit 7 – Journals Unit 8 – Newspapers Unit 9 – Poetry Unit 10 – Suspense stories</p>
<p>Unit 3 - Plays Unit 4 - Manuals Unit 5 - Science Fiction Unit 6 – Factual descriptions</p>	<p>Unit 12 – Persuasive magazine articles</p> <p><b><u>Not covered in the Exams</u></b> Unit 11 – Documentaries</p>

## Year 8 MATHEMATICS

### Mathematics Exam Format

Paper 1 – no calculators		Paper 2 - calculators	
Marks: 50 Percentage: 50% Time: 60 minutes	Task: <ul style="list-style-type: none"> <li>Structured / Long Answers (50 marks)</li> </ul>	Marks: 50 Percentage: 50% Time: 75 minutes	Task: <ul style="list-style-type: none"> <li>Structured / Long Answers (50 marks)</li> </ul>
Semester 1 Content		Semester 2 Content	
<u>Text: New Syllabus Mathematics 2</u>  Chapter 1– Direct and Inverse Proportions Chapter 2– Linear Graphs and Simultaneous Linear Equations Chapter 3– Expansion & Factorization of Quadratic Expressions	Chapter 4– Further Expansion & Factorization of Algebraic Expressions Chapter 5– Quadratic Equations and Graphs Chapter 6– Algebraic Manipulation & Formulae	<u>Text: New Syllabus Mathematics 2</u>  Chapter 7 – Congruence & Similarity Chapter 8 – Pythagoras' Theorem Chapter 9 – Trigonometric Ratios	Chapter 10 – Volume & Surface Area of Pyramid, Cones and Spheres Chapter 11 – Probability of Single Events Chapter 12 – Statistical Diagram  <u>Not covered in the Exams</u> Chapter 13 – Average of Statistical Data

The exams will account for 90% of the grade per semester. The remaining 10% will come from on-going school based assessments.

## Year 8 SCIENCE

### Science Exam Format

Exam	Section A	Section B	Section C
Marks: 100 Percentage 100% Time: 105 minutes Task: 3 sections	Marks: 30 Percentage: 30% Task: <ul style="list-style-type: none"> <li>• MCQ (30 x 1 mark)</li> </ul>	Marks: 40 Percentage: 40% Task: <ul style="list-style-type: none"> <li>• Structured Questions (40 marks)</li> </ul>	Marks: 30 Percentage: 30% Task: <ul style="list-style-type: none"> <li>• Free Response – Open Ended (30 marks)</li> </ul>
<i>Semester 1 Content</i>		<i>Semester 2 Content</i>	
<b><u>Text: Science Matters B</u></b>  Chapter 10 - Transport Systems in Organisms  Chapter 11- Human Digestive System Chapter 12 – Human Sexual Reproduction System	Chapter 13 – Electrical Systems  Chapter 14 Interaction Through the Application of Forces	<b><u>Text: Science Matters B</u></b> Unit 15: Energy and Work Done  Unit 16: Transport of Sound Energy Through Vibrations  Unit 17 Effects of Heat and Its Transmission	Unit 18 – Chemical Changes  Unit 19 – Interactions within Ecosystems