

BUKIT PANJANG GOVT HIGH SCHOOL  
 Topics covered for End of Year Examination 2018  
**Secondary 3 Express**

Subject	Duration	Topics Covered
English Language	1h50m (P1) 1h50m (P2) 45m (P3)	Paper 1: Editing, Situational Writing, Continuous Writing Paper 2: Comprehension (Includes Summary Question) Paper 3: Listening Comprehension
English Literature (Full)	1h40m	The Joy Luck Club (Sections 1 to 4) + Unseen Prose/Poetry
English Lit. (Elective)	1h40m	The Joy Luck Club (Sections 1 to 3) + Unseen Prose/Poetry
Geography	1h40m (P1)  45m (P2)	<b>Paper 1:</b> Geographical Investigation Coasts (Gateway 1, 2 & 3)  <b>Paper 2:</b> Weather and Climate (Gateway 1, 2 & 3) Plate Tectonics (Gateway 1, 2 & 3)
Geography (Elective)	1h40m	Geographical Investigation Weather and Climate (Gateway 1 & 2) Plate Tectonics (Gateway 1, 2 & 3)
History (Full)	1h40m	<b><u>Source-Based Skills (will be set on either chapter 2 - Stalin's USSR or chapter 3 - Nazi Germany)</u></b> Inference (What? Message? Why?) Compare & Contrast Reliability Utility <b><u>Structured-Essay Question (students will have a choice between Qn 2 and Qn 3) - (regardless of the choice, Qn 2 and Qn 3 will both have (a) and (b)) -</u></b> (a) Unit 2 - The World in Crisis (b) Unit 1 - European Dominance & Expansion (Malaya & Vietnam) Unit 2 - The World in Crisis (All chapters) Unit 1 - European Dominance & Expansion (Malaya & Vietnam)

Subject	Duration	Topics Covered
History (Elective)	1h40m	<p><b><u>Source-Based Skills (will be set on either chapter 2 - Stalin's USSR or chapter 3 - Nazi Germany)</u></b>            Inference (What? Message? Why?)            Compare &amp; Contrast            Reliability            Utility</p> <p><b><u>Structured-Essay Question (students will have a choice between Qn 2 and Qn 3) - (regardless of the choice, Qn 2 and Qn 3 will both have (a) and (b))</u></b>            Unit 2 - The World in Crisis (All chapters)            Note: Chapters 4 &amp; 5 (WWII in Europe &amp; Defeat of Germany) must be studied together as any question set on War in Europe will test both chapters at the same time. The same applies to Chapters 5 &amp; 6 (War in Asia Pacific &amp; Defeat of Japan).</p>
Social Studies	1h30m	<p><b><u>Source-Based Skills</u></b>            Inference (What? Message? Why?)            Compare &amp; Contrast            Reliability</p> <p><b><u>Structured Response Questions</u></b>            (a) Can be on any issue            (b) Issue 1 (chapters 1-3); Issue 2 (chapters 4-7)</p>
Mathematics	1h30m(P1) 2h(P2)	<p>Subject content within the Sec 1-3 Mathematics Textbook            Paper 1: short-answer questions.            Paper 2: questions of varying marks and lengths. The last question will focus on apply mathematics to a real-world scenario.</p>
Additional Mathematics	1h30m(P1) 2h(P2)	<p>Subject content within the Textbook from Chapter 1 - 8</p>

Subject	Duration	Topics Covered
Physics	2h	<ol style="list-style-type: none"> <li>1. Physical Quantities, Units and Measurements</li> <li>2. Mass, Weight and Density</li> <li>3. Kinetic Model of Matter</li> <li>4. Temperature</li> <li>5. Transfer of Thermal Energy</li> <li>6. Thermal Properties of Matter</li> <li>7. Kinematics</li> <li>8. Dynamics</li> <li>9. Turning Effect of Forces</li> <li>10. Energy, Work and Power</li> <li>11. Pressure</li> <li>12. Light</li> <li>13. General Wave Properties</li> </ol>
Chemistry	2h	<ol style="list-style-type: none"> <li>1. Experimental Chemistry Techniques</li> <li>2. Kinetic Particle Theory</li> <li>3. Atomic Structure</li> <li>4. Chemical Bonding</li> <li>5. Acids, Bases and Salts</li> <li>6. Stoichiometry and the Mole Concept</li> <li>7. The Periodic Table</li> <li>8. Metals</li> <li>9. Air</li> <li>10. Redox</li> </ol>
Biology	2h	<ol style="list-style-type: none"> <li>1. Cells</li> <li>2. Molecular Genetics</li> <li>3. Movement of Substances</li> <li>4. Nutrients</li> <li>5. Enzymes</li> <li>6. Nutrition in Humans</li> <li>7. Transport in Humans</li> <li>8. Nutrition in Plants</li> <li>9. Transport in Plants</li> <li>10. Respiration in Humans</li> <li>11. Excretion</li> </ol>

Subject	Duration	Topics Covered
Chinese Language	2h (P1) 1h30m (P2) 1h (P3)	试卷一： <ul style="list-style-type: none"> <li>● 实用文：私函、公函；-20分</li> <li>● 作文：记叙文、议论文和材料作文 -40分</li> </ul> 试卷二： <ul style="list-style-type: none"> <li>● 综合填空 -10分</li> <li>● 阅读理解一 -20分</li> <li>● 阅读理解二：说明文、记叙文、议论文的相关技能 -40分</li> </ul> 听力：20分 口试：50分
Higher Chinese Language	2h (P1) 1h45m (P2)	试卷一： <ul style="list-style-type: none"> <li>● 一、实用文(20分)：私人电邮、公务电邮；</li> <li>● 二、作文(60分)：记叙文、议论文和材料作文</li> </ul> 试卷二： <ul style="list-style-type: none"> <li>● 短文填充(10分)</li> <li>● 病句改正(10分)</li> <li>● 阅读理解一(10分)(选择题和简答题)</li> <li>● 阅读理解二(38分)(问答题)</li> <li>● 片段缩写(12分)</li> </ul> 口试：口头报告(20分)；讨论(20分)
Higher Malay Language	2h (P1)  1h 45m (P2)	P1: Penulisan E-mel Tidak Rasmi, Karangan Deskriptif, Teks Ucapan & Naratif.  P2: Melengkapkan Teks, Mengedit Teks, Peribahasa, Kefahaman Subjektif, Kefahaman Objektif & Peringkasan

Subject	Duration	Topics Covered
Chinese Language 'B'	50min (P1) 1h (P2) 40min (P3)	试卷一：私人电邮/看图作文（20分） 试卷二： <ul style="list-style-type: none"><li>● 综合填空（10分）</li><li>● 阅读理解一（10分）</li><li>● 阅读理解二（10分）</li></ul> 听力：20分 口试：30分

BUKIT PANJANG GOVT HIGH SCHOOL  
 Topics covered for End of Year Examination 2018  
**Secondary 3 Normal (Acad)**

Subject	Duration	Topics Covered
English Language	1h50m (P1) 1h50m (P2) 45m (P3)	Paper 1: Editing, Situational Writing, Continuous Writing Paper 2: Comprehension (Includes Summary Question) Paper 3: Listening Comprehension
English Lit. (Elective)	1h40m	The River Between (Chapters 1-20) + Unseen Prose/Poetry
History (Elective)	1h40m	<p><b><u>Source-Based Skills (will be set on either chapter 2 - Stalin's USSR or chapter 3 - Nazi Germany)</u></b>            Inference (What? Message? Why?)            Compare &amp; Contrast            Reliability            Utility</p> <p><b><u>Structured-Essay Question (students will have a choice between Qn 2 and Qn 3) - (regardless of the choice, Qn 2 and Qn 3 will both have (a) and (b))</u></b></p> <p>Unit 2 - The World in Crisis (Chapters 1-5)            Note: Chapters 4&amp;5 (WWII in Europe &amp; Defeat of Germany) must be studied together as any question set on War in Europe will test both chapters at the same time.</p>
Geography (Elective)	1h40m	Geographical Investigation Weather and Climate (Gateway 1 & Causes of Global Warming) Plate Tectonics (Gateway 1 & 2)
Social Studies	1h30m	<p><b><u>Source-Based Skills</u></b>            Inference (What? Message? Why?)            Compare &amp; Contrast            Reliability</p> <p><b><u>Structured Response Questions</u></b>            (a) Can be on any issue            (b) Issue 1 (chapters 1-3); Issue 2 (chapters 4-6)</p>

Subject	Duration	Topics Covered
Mathematics	1h30m(P1) 1h40m(P2)	Subject content within the Sec 1-3 Mathematics Textbook Paper 1: short-answer questions. Paper 2: questions of varying marks and lengths. The last question will focus on apply mathematics to a real-world scenario.
Additional Mathematics	1h30m(P1) 1h30m(P2)	Subject content within the Sec 3 A.Mathematics Textbook from Chapter 1-10 (excluding Chapter 6)
Principles of Accounts	2h	Chapters 1 to 13
Design and Technology	1h30m	<ol style="list-style-type: none"> <li>1) Design (Chapter 1 - 10)</li> <li>2) Structures (Chapter 12)</li> <li>3) Mechanisms (Chapter 13)</li> <li>4) Basic Electricity &amp; Electronics (Chapter 14)</li> </ol>
Science(Physics)	1h15m	<ol style="list-style-type: none"> <li>1. Measurement</li> <li>2. Kinematics</li> <li>3. Forces and Pressure</li> <li>4. Mass, Weight and Density</li> <li>5. Turning Effect of Forces</li> <li>6. Energy, Work and Power</li> <li>7. Kinetic Model of Matter</li> <li>8. Transfer of Thermal Energy</li> <li>9. Thermal Properties of Matter</li> <li>10. Waves</li> </ol>
Science(Chemistry)	1h15min	<ol style="list-style-type: none"> <li>1. Experimental Chemistry Techniques</li> <li>2. Kinetic Particle Theory</li> <li>3. Atomic Structure</li> <li>4. Chemical Bonding</li> <li>5. Acids, Bases and Salts</li> <li>6. The Periodic Table</li> </ol>
Science(Biology)	1h15min	<ol style="list-style-type: none"> <li>1. Cells</li> <li>2. Movement of Substances</li> <li>3. Enzymes</li> <li>4. Nutrients</li> <li>5. Nutrition in Humans</li> <li>6. Nutrition in Plants</li> </ol>

Subject	Duration	Topics Covered
Chinese Language	2h (P1) 1h30m (P2) 1h (P3)	试卷一： <ul style="list-style-type: none"> <li>● 实用文：私函、公函；-20分</li> <li>● 作文：记叙文、议论文和材料作文 -40分</li> </ul> 试卷二： <ul style="list-style-type: none"> <li>● 综合填空 -10分</li> <li>● 阅读理解一 -20分</li> <li>● 阅读理解二：说明文、记叙文、议论文的相关技能 -40分</li> </ul> 听力：20分 口试：50分
Malay Language	2h (P1)  1h 30m (P2)  1h (P3)	P1: Penulisan E-mel Tidak Rasmi, E-mel Rasmi, Karangan Deskriptif, Ekspositori & Naratif. P2: Imbuhan, Peribahasa, Melengkapkan Teks, Kefahaman Objektif & Kefahaman Subjektif. Kefahaman Mendengar
Chinese Language 'B'	50min (P1) 1h (P2) 40min (P3)	试卷一：私人电邮/看图作文 ( 20分 ) 试卷二： <ul style="list-style-type: none"> <li>● 综合填空 ( 10分 )</li> <li>● 阅读理解一 ( 10分 )</li> <li>● 阅读理解二 ( 10分 )</li> </ul> 听力：20分 口试：30分



BUKIT PANJANG GOVT HIGH SCHOOL  
 Topics covered for End of Year Examination 2018  
**Secondary 3 Normal (Tech)**

Subject	Duration	Topics Covered
English Language	1h 15m (P1) 1h 20m (P2) 45m (P3)	Paper 1: Form Filling, Functional Writing & Guided Writing Paper 2: Language Use and Comprehension Paper 3: Listening Comprehension
Mathematics (NT)	1h30m (P1) 1h30m(P2)	Subject content within the Sec 1-3 Mathematics Textbook
Mathematics (NA)	1h30m(P1) 1h40m(P2)	Subject content within the Sec 1-3 Mathematics Textbook Paper 1: short-answer questions. Paper 2: questions of varying marks and lengths. The last question will focus on apply mathematics to a real-world scenario.
Elements of Business Skills	1h30m	Chp1 Introduction to Business Chp 2 Businesses in Selected Service Industries Chp 3 Introduction to Marketing Chp 4 The Marketing Mix Chp 5 Communication with the Customer Chp 6 Customer Service
Design and Technology	1h	1) Design and Communications 2) Mechanism 3) Basic Electronics & Electricity
Food Studies	1h30m	1) Cereals 2) Flavorings, herbs and spices 3) Meat, seafood and animal products 4) A balanced diet 5) Fats & oils 6) Food preparation 7) Fruits & vegetables 8) Convenience food 9) Methods of cooking 10) Food safety

Subject	Duration	Topics Covered
Computer Applications	1h15m (P1) 1h30m (P2)	Computer Fundamentals Media Elements Document Processing Spreadsheet Multimedia Communication Media Computing
Science	1h (P1)  1h 15m (P2)	1. Energy And Its Uses 2. Energy Transfer Through Waves 3. Effects of Forces 4. Electricity 5. Sources of Electricity 9. Digestion 10. Breathing 11. Fitness and Cardiac Health 12. Staying Healthy
Basic Chinese Language	50m (P1) 1h (P3)	试卷一：60分 <ul style="list-style-type: none"> <li>● 选词填空-10分</li> <li>● 错字辨析-10分</li> <li>● 对话填充-10分</li> <li>● 综合填空-10分</li> <li>● 阅读理解一 -10分</li> <li>● 阅读理解二 -10分</li> </ul> 试卷三：听力 -20分
Basic Malay Language	50m (P1)  1h (P3)	P1: Melengkapkan Teks (MCQ), Kefahaman Objektif, Penulisan SMS/E-mel Tidak Rasmi  P3: Kefahaman Mendengar