



2023 End-of-Year Examinations Topics List Secondary 2 Express

Secondary 2 EX Subjects	Topics / Chapters
English Language	<p>Paper 1 Sect A: Editing Sect B: Situational Writing Sect C: Essay writing</p> <p>Paper 2 Sect A: Visual Text Sect B: Literary Text Sect C: Informative Text</p> <p>Paper 3 Listening Comprehension</p>
Mathematics	<p>Sec 1 Topics 1. Algebraic Manipulations 2. Inequalities 3. Angles and Parallel Lines 4. Percentage 5. Data handling and Statistics 6. HCF/LCM and their applications 7. Ratio and rate</p> <p>Sec 2 Topics 1. Algebraic Expansion and Factorisation 2. Algebraic Fractions and Formulae 3. Quadratic Equations 4. Simultaneous Equations 5. Cartesian Coordinates and Linear Graphs 6. Quadratic Graphs 7. Map scales and Proportions 8. Congruence and Similarity 9. Pythagoras Theorem 10. Mensuration 11. Trigonometry Ratios of Acute Angles</p>

Secondary 2 EX Subjects	Topics / Chapters
Science	Chapter 1 - The Scientific Endeavour Chapter 2 - Exploring Diversity of Matter by its Physical Properties Chapter 3 - Exploring Diversity of Matter by its Chemical Composition Chapter 4 - Exploring Diversity of Matter using Separation Techniques Chapter 5 - Ray Model of Light Chapter 6 - Model of Cells - The Basic Units of Life Chapter 7 - Model of Matter - Particulate Nature of Matter Chapter 8 - Model of Matter - Atoms and Molecules Chapter 9 - Application of Forces and Transfer of Energy Chapter 10 - Transfer of Heat Energy and Its Effects Chapter 11 - Chemical Changes Chapter 12 - Interactions Within Ecosystems Chapter 13 - Electrical Systems Chapter 14 - Human Digestive System Chapter 15 - Transport Systems in Living Things Chapter 16 - Human Sexual Reproductive System
Chinese Language	P1 : 实用文、作文 P2: (单元1-4、单元6 , 单元5核心课) 填写汉字、词语搭配、完成句子、综合填空、阅读理解一、阅读理解二 P3: 口试 , 听力

Secondary 2 EX Subjects	Topics / Chapters
Malay Language	<p>Kertas 1: Karangan</p> <p>Bahagian A Penulisan Fungsional</p> <ul style="list-style-type: none"> • Respons terhadap sebuah blog • E-mel Rasmi <p>Bahagian B Penulisan Esei</p> <ul style="list-style-type: none"> • Naratif • Deskriptif <p>Kertas 2 Penggunaan Bahasa dan Pemahaman</p> <p>Bahagian A Penggunaan Bahasa</p> <ul style="list-style-type: none"> • Teks Bacaan 1 (FIB dengan kata-kata bantuan) • Teks Bacaan 2 (Penyuntingan dengan kata-kata bantuan) <p>Bahagian B Soalan B1 Menginterpretasi teks</p> <p>Soalan B2 Rangsangan Grafik</p> <p>Bahagian C Teks Bacaan 3 (OE)</p> <p>Kertas 3</p> <ul style="list-style-type: none"> • Lisan • Kefahaman Mendengar

Secondary 2 EX Subjects	Topics / Chapters
Tamil Language	<p>TL Paper 1 கட்டுரை ‘அ’ பிரிவு மின்னஞ்சல் எழுதுதல் (உறவுமுறை மின்னஞ்சல், அலுவல் சார்ந்த மின்னஞ்சல்) ‘ஆ’ பிரிவு கட்டுரை வகைகள்: நிகழ்வு, விளக்கம், கதை Paper 2 மொழிமரபும் பயன்பாடும் மற்றும் கருத்தறிதலும் ‘அ’ பிரிவு A1 மரபுத்தொடர்களும் இணைமொழிகளும் A2 முன்னுணர்வுக் கருத்தறிதல் ‘ஆ’ பிரிவு B3 தெரிவுவிடைக் கருத்தறிதல் B4 பிழை திருத்தம் ‘இ’ பிரிவு C5 சுயவிடைக் கருத்தறிதல்</p> <p>Paper 3 வாய்மொழி வாய்விட்டு வாசித்தல், உரையாடல் கேட்டல் கருத்தறிதல்</p>
Higher Chinese Language	<p>P1 : 实用文、作文 P2 : (单元1-4 , 单元6 , 单元5核心) : 填写汉字、词语搭配、造句、综合填空、阅读理解一、阅读理解二</p>

Secondary 2 EX Subjects	Topics / Chapters
Higher Malay Language	<p>Kertas 1: Karangan Bahagian A Penulisan Fungsional</p> <ul style="list-style-type: none"> • Respons terhadap sebuah blog • E-mel Rasmi <p>Bahagian B Penulisan Esei</p> <ul style="list-style-type: none"> • Naratif • Deskriptif <p>Kertas 2 Penggunaan Bahasa dan Pemahaman Bahagian A Penggunaan Bahasa</p> <ul style="list-style-type: none"> • Teks Bacaan 1 (FIB) • Teks Bacaan 2 (Penyuntingan) <p>Bahagian B Pemahaman Teks 1 (MCQ & OE)</p> <p>Bahagian C Pemahaman Teks 2 (OE) Pemahaman Teks 3 (OE)</p> <p>Bahagian D Ringkasan</p>
Geography	<p>Section A (10m) Structured Questions</p> <ol style="list-style-type: none"> 1. Chapter 10 Transport system and their spatial distributions (Pg 93-105 only) <p>Section B (25m) Structured Questions</p> <ol style="list-style-type: none"> 2. Chapter 7 How can we build sustainable cities? 3. Chapter 8 Housing and its spatial distribution 4. Chapter 9 Sustainable development of housing

Secondary 2 EX Subjects	Topics / Chapters
History	<p>Section A : Source Based Question</p> <p>Skills:</p> <ol style="list-style-type: none"> 1. Inference 2. Comparison <p>Section B: Structured Essay Question</p> <p>Skills:</p> <ol style="list-style-type: none"> 1. Describe 2. Explain <p>Textbook Topics Tested</p> <ul style="list-style-type: none"> • Chapter 6 - What did People in Singapore Experience during the Japanese Occupation? • Chapter 7 - How did the People in Singapore respond to British Rule after WWII? • Chapter 8 - How did Singapore Become an Independent Nation? • Chapter 9 - How did Singapore safeguard its independence after 1965?
Literature	War Poetry and Short Stories
Visual Art	<p>Elementary Coursework</p> <ol style="list-style-type: none"> 1. Preparatory page 1, 2 & 3 <ul style="list-style-type: none"> • Observational drawings • Distortion drawings • Compositions 2. Drawing and Painting: Final work – Based on the theme 'Snacks'
Food and Consumer Education	<ol style="list-style-type: none"> 1) Food and Kitchen Safety 2) Methods of Cooking 3) Batter 4) Food Culture 5) Food Labels 6) Modification of recipes 7) Nutritional Needs of Teenagers <p>Refer to PDF slides on Google Classroom and FCE textbook 1 & 2 for revision</p>



JURONG SECONDARY SCHOOL

2023 End-of-Year Examinations Topics List Secondary 2 Normal (Academic)

Secondary 2 NA Subjects	Topics / Chapters
English Language	<p>Paper 1 Sect A: Editing Sect B: Situational Writing Sect C: Essay Writing</p> <p>Paper 2 Sect A: Visual Text Sect B: Literary Text Sect C: Informative Text</p> <p>Paper 3 Listening Comprehension</p>
Mathematics	<ol style="list-style-type: none">1 Primes, Highest Common Factor and Lowest Common Multiple2 Integers, Rational Numbers and Real Numbers3 Approximation and Estimation4 Algebra Manipulation<ol style="list-style-type: none">(a) Simplification, expansion, factorisation (include special identities)(b) Algebraic Fractions(c) Solving algebraic equations(d) Making the subject of mathematical formulae5 Number Patterns6 Percentage7 Ratio, Rate, Speed8 Angles, triangles and polygons9 Statistics10 Linear Inequalities11 Linear Functions and Graphs12 Simultaneous Linear Equations13 Direct and Inverse Proportions (Including Map scales)14 Congruency and Similarity15 Pythagoras' Theorem16 Perimeter and Area of Plane Figures17 Volume and Surface Area of Prisms, Cylinders, Pyramids, Cones, and Spheres.18 Probability of Single Events

Secondary 2 NA Subjects	Topics / Chapters
Science	Chapter 1 - The Scientific Endeavour Chapter 2 - Exploring Diversity of Matter by its Physical Properties Chapter 3 - Exploring Diversity of Matter by its Chemical Composition Chapter 4 - Exploring Diversity of Matter using Separation Techniques Chapter 5 - Ray Model of Light Chapter 6 - Model of Cells - The Basic Units of Life Chapter 7 - Model of Matter - Particulate Nature of Matter Chapter 8 - Model of Matter - Atoms and Molecules Chapter 9 - Application of Forces and Transfer of Energy Chapter 10 - Transfer of Heat Energy and Its Effects Chapter 11 - Chemical Changes Chapter 12 - Interactions Within Ecosystems Chapter 13 - Electrical Systems Chapter 16 - Human Digestive System Chapter 17 - Transport Systems in Living Things Chapter 18 - Human Sexual Reproductive System
Chinese Language	P1 : 实用文、作文 P2 (单元1-4 , 单元6 , 单元5核心) : 填写汉字、选词填空、完成句子、综合填空、阅读理解一、阅读理解二 P3: 口试 , 听力
Malay Language	Kertas 1: Karangan Bahagian A Penulisan Fungsional <ul style="list-style-type: none"> • Respons terhadap sebuah blog • E-mel Rasmi Bahagian B Penulisan Esei <ul style="list-style-type: none"> • Naratif • Deskriptif Kertas 2 Penggunaan Bahasa dan Pemahaman Bahagian A Penggunaan Bahasa <ul style="list-style-type: none"> • Teks Bacaan 1 & 2 (FIB dengan kata-kata bantuan) Bahagian B Soalan B1 Melengkapkan Dialog (MCQ) Soalan B2 Rangsangan Grafik

	<p>Bahagian C Teks Bacaan 3 (OE)</p> <p>Kertas 3</p> <ul style="list-style-type: none"> • Lisan • Kefahaman Mendengar
Secondary 2 NA Subjects	Topics / Chapters
Tamil Language	<p><u>TL</u></p> <p>Paper 1 கட்டுரை ‘அ’ பிரிவு மின்னஞ்சல் எழுதுதல் (உறவுமுறை மின்னஞ்சல், அலுவல் சார்ந்த மின்னஞ்சல்) ‘ஆ’ பிரிவு கட்டுரை வகைகள்: நிகழ்வு, விளக்கம், கதை Paper 2 மொழிமரபும் பயன்பாடும் மற்றும் கருத்தறிதலும் ‘அ’ பிரிவு A1 மரபுத்தொடர்களும் இணைமொழிகளும் A2 முன்னுணர்வுக் கருத்தறிதல் ‘ஆ’ பிரிவு B3 தெரிவுவிடைக் கருத்தறிதல் B4 பிழை திருத்தம் ‘இ’ பிரிவு C5 சுயவிடைக் கருத்தறிதல் Paper 3 வாய்மொழி வாய்விட்டு வாசித்தல், உரையாடல் கேட்டல் கருத்தறிதல்</p>
Geography	<p>Section A (10m) Structured Questions</p> <ol style="list-style-type: none"> 1. Chapter 10 Transport system and their spatial distributions (Pg 93-105 only) <p>Section B (25m) Structured Questions</p> <ol style="list-style-type: none"> 2. Chapter 7 How can we build sustainable cities? 3. Chapter 8 Housing and its spatial distribution 4. Chapter 9 Sustainable development of housing

Secondary 2 NA Subjects	Topics / Chapters
History	<p>Section A : Source Based Question</p> <p>Skills:</p> <ol style="list-style-type: none"> 1. Inference 2. Comparison <p>Section B: Structured Essay Question</p> <p>Skills:</p> <ol style="list-style-type: none"> 1. Describe 2. Explain <p>Textbook Topics Tested</p> <ul style="list-style-type: none"> • Chapter 6 - What did People in Singapore Experience during the Japanese Occupation? • Chapter 7 - How did the People in Singapore respond to British Rule after WWII? • Chapter 8 - How did Singapore Become an Independent Nation? • Chapter 9 - How did Singapore safeguard its independence after 1965?
Literature in English	<p>Poetry (poem will not be given in exam paper)</p> <ul style="list-style-type: none"> • Dreamers • The Soldier <p>Prose (excerpt of story given in paper)</p> <ul style="list-style-type: none"> • All Summer in a Day
Visual Art	<p>Elementary Coursework</p> <ol style="list-style-type: none"> 1. Preparatory page 1, 2 & 3 <ul style="list-style-type: none"> • Observational drawings • Distortion drawings • Compositions 2. Drawing and Painting: Final work – Based on the theme ‘Snacks’
Food and Consumer Education	<ol style="list-style-type: none"> 1) Food and Kitchen Safety 2) Methods of Cooking 3) Batter 4) Food Culture 5) Food Labels 6) Modification of recipes 7) Nutritional Needs of Teenagers <p>Refer to PDF slides on Google Classroom and FCE textbook 1 & 2 for revision</p>



JURONG SECONDARY SCHOOL

2023 End-of-Year Examinations Topics List Secondary 2 Normal (Technical)

Secondary 2 NT Subjects	Topics / Chapters
English	P1 P2 All sections
Mathematics	Sec 1 Textbook: All topics in 1A and 1B Sec 2 Textbook : Chapter 1 to 11 (Exclude Chapter 12)
Science	Chapter 1 Laboratory Measurements and Procedures Chapter 2 Forces Chapter 3 Energy Chapter 4 Electricity Chapter 5 Heat Chapter 6 Matter Chapter 7 Water Pollution Chapter 8 Air Pollution Chapter 9 Cells Chapter 10 Getting Energy and Nutrients from Food Chapter 11 Human Reproduction Chapter 12 Taking good care of my body
Basic Chinese Language	P1 (单元四1-6) : 语文应用、阅读理解一、阅读理解二 P3 : 听力和口试

Secondary 2 NT Subjects	Topics / Chapters
Basic Malay Language	<p>Kertas 1 Penggunaan Bahasa dan Pemahaman Bahagian 1 Bahagian A Respons Bebas (Blog/Forum/Hantaran)</p> <p>Bahagian 2 Bahagian A</p> <ul style="list-style-type: none"> Teks Infografik 1 & 2 (MCQ) <p>Bahagian B</p> <ul style="list-style-type: none"> Teks Bacaan 3 (MCQ) <p>Bahagian C</p> <ul style="list-style-type: none"> Teks Bacaan 4 (MCQ) <p>Kertas 2 Lisan</p> <ul style="list-style-type: none"> Bacaan Lantang Interaksi Lisan <p>Kertas 3</p> <ul style="list-style-type: none"> Kefahaman Mendengar
Basic Tamil Language	<p><u>BTL:</u> Paper 1 (Part 1 & 2) பகுதி -1 நடைமுறை சார்ந்த எழுத்துப்படைப்பு பகுதி-2 (மொழி மரபும் பண்பாடும் மற்றும் கருத்தறிதல்) A1 மொழிப்பயன்பாடு (MCQ) A2 மொழிப்பயன்பாடு (MCQ) B3 மரபுத்தொடர்களும், இணைமொழிகளும் (MCQ) C4 கருத்து விளக்கப்படக் கருத்தறிதல் (MCQ) D5 வாசிப்புக் கருத்தறிதல் (MCQ) Paper 2 வாய்மொழி (oral) Paper 3 கேட்டல் கருத்தறிதல் (LC)</p>

Secondary 2 NT Subjects	Topics / Chapters
Computer Applications	<p>Theory Paper 1 (30%)</p> <ol style="list-style-type: none"> 1. Computer Fundamentals (CPF) 2. Media Elements (MEL) 3. Document Processing (DOP) 4. Interactive Multimedia Communications ((IMC) <p>Practical Paper 2 (70%)</p> <ol style="list-style-type: none"> 1. Scratch Programming (movement code, start and end of game) 2. Excel 3. Word
Visual Art	<p>Elementary Coursework</p> <ol style="list-style-type: none"> 1. Preparatory page 1, 2 & 3 <ul style="list-style-type: none"> • Observational drawings • Distortion drawings • Compositions 2. Drawing and Painting: Final work – Based on the theme ‘Snacks’
Food and Consumer Education	<ol style="list-style-type: none"> 1) Food and Kitchen Safety 2) Methods of Cooking 3) Batter 4) Food Culture 5) Food Labels 6) Modification of recipes 7) Nutritional Needs of Teenagers <p>Refer to PDF slides on Google Classroom and FCE textbook 1 & 2 for revision</p>