



**NORTH VISTA SECONDARY SCHOOL**  
**END-OF-YEAR EXAMINATION 2025**  
**EXAMINATION FORMAT AND TOPICS**  
**SECONDARY 3 EXPRESS**

Class	Subject and Code	End-of-Year Examination Chapter / Area of Focus	Format	Marks/ % Overall	Duration
3E - 3H	English Language (1184)	Writing Reading Comprehension Listening Comprehension Oral Communication	Paper 1: Section A: Editing Section B: Situational Writing Section C: Continuous Writing  Paper 2: Section A: Visual Text Comprehension Section B: Narrative Text Comprehension Section C: Non-narrative Text Comprehension  Paper 3: Listening Comprehension  Paper 4 Oral Communication	Paper 1: 70 m (35%)  Paper 2: 50 m (35%)  Paper 3: 30 m (10%)  Paper 4: 30 m (20%)	Paper 1: 1 h 50 min  Paper 2: 1 h 50 min  Paper 3 (LC): Approx. 50 min
3E - 3H	Higher Chinese (1116)	Functional Writing Essay Cloze Passage Grammar Comprehension Summary Oral Communication	Paper 1: Section A: Functional Writing Section B: Essay Writing  Paper 2: Section A: Cloze passage and Editing Section B: Comprehension (MCQ and Short-Answer) Section C: Comprehension Section D: Summary	Paper 1: 80 m (50%)  Paper 2: 80 m (50%)	Paper 1: 2 h  Paper 2: 1 h 45 min
3E - 3H	Chinese Language (1160)	Functional Writing Essay Cloze Passage Comprehension Oral Communication Listening Comprehension	Paper 1: Section A: Functional Writing Section B: Essay Writing  Paper 2: Section A: Cloze passage Section B: Comprehension (MCQ) Section C: Comprehension  Paper 3: Listening Comprehension (MCQ)  Paper 3: Oral (Reading Aloud and Conversation)	Paper 1: 60 m (30%)  Paper 2: 70 m (35%)  Paper 3 (LC): 20 m (10%)  Paper 3 (Oral): 50 m (25%)	Paper 1: 2h  Paper 2: 1 h 30min  Paper 3 (LC): 30 min
3E - 3H	Malay Language (1148)	Functional Writing Essay Writing Grammar, Editing and Cloze Passage Comprehension Oral Communication Listening Comprehension	Paper 1: Functional Writing and Essay Writing  Paper 2: Section A: Grammar, Editing and Cloze passage Section B: Comprehension Section C: Comprehension  Paper 3: Listening Comprehension Paper 3: Reading Aloud and Conversation (Oral)	Paper 1: 60m (30%) Paper 2: 70m (35%) Paper 3 (LC): 20m (10%) Paper 3 (Oral): 50m (25%)	Paper 1: 2 h Paper 2: 1 h 30 min Paper 3 (LC): 30 min
3E - 3H	Mathematics (4052)	Sec 1: Chapter 1 – Factors And Multiples Chapter 2 – Real Numbers Chapter 3 – Approximation and Estimation Chapter 4 – Basic Algebra and Algebraic Manipulations Chapter 5 – Simple Equations In One Variable Chapter 6: Angles and Parallel Lines Chapter 7: Triangles, Quadrilaterals and Other Polygons Chapter 8 – Ratio, Rate and Speed Chapter 9 – Percentage Chapter 10: Sequences and Number Patterns Chapter 11: Linear Functions and Graphs Chapter 12 – Perimeter and Area of Plane Figures Chapter 13 – Volumes and Surface Areas Of Prisms and Cylinders Chapter 14: Data Handling  Sec 2 : Chapter 1 – Linear Inequalities Chapter 2 – Linear Equations in Two Variables Chapter 3 – Expansion and Factorisation of Algebraic Expressions Chapter 4 – Algebraic Fractions and Formulae Chapter 5 – Quadratic Functions, Graphs and Equations Chapter 7 – Congruence and Similarity Chapter 8 – Pythagoras' Theorem Chapter 9 – Trigonometric Ratios Chapter 10 – Volume and Surface Area of Pyramids, Cones and Spheres Chapter 11: Statistical Diagrams Chapter 13 Probability  Sec 3: Chapter 1 - 10 except 6	Paper 1 : There will be about 26 short answer questions. Students are required to answer all questions.  Paper 2 : There will be 9 to 10 questions of varying marks and lengths. Students are required to answer all questions.	Paper 1: 90 m (50%)  Paper 2: 90 m (50%)	Paper 1: 2 h 15 min  Paper 2: 2 h 15 min

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3E - 3H	Additional Mathematics (4049)	Chp1: Quadratic Functions Chp 2: Equations and Inequalities Chp 3: Surds Chp 4: Polynomials, Cubic Equations and Partial Fractions Chp 5: Binomial Theorem and its Applications Chp 6: Exponential and Logarithmic Functions Chp 7: Coordinate Geometry Chp 8: Linear Law Chp 9 : Trigonometric Functions and Graphs	There will be about 12 questions. Students are required to answer all questions.	90 m (100%)	2 h 15 min
3H	Biology (6093)	Chapters 1 - 11	Paper 1: MCQ  Paper 2: Structured and Free Response	Paper 1: 40 m (37.5%)  Paper 2: 80 m (62.5%)	Paper 1: 1 h  Paper 2: 1 h 45 min
3G - 3H	Chemistry (6092)	Chapter 1-12, 14	Paper 1: MCQ  Paper 2: Structured and Free Response	Paper 1: 40 m (37.5%)  Paper 2: 80 m (62.5%)	Paper 1: 1 h  Paper 2: 1 h 45 min
3G - 3H	Physics (6091)	Chapter 1 - 11, 14	Paper 1: MCQ  Paper 2: Structured and Free Response	Paper 1: 40 m (37.5%)  Paper 2: 80 m (62.5%)	Paper 1: 1 h  Paper 2: 1 h 45 min
3E	Science (Biology) (5088)	Chapters 1 - 8	Paper 1: MCQ  Paper 4: Structured and Free Response	Paper 1: 40 m (23.5%)  Paper 4: 65 m (38.25%)	Paper 1: 1 h  Paper 2: 1h 15 min
3E, 3F, 3H	Science (Chemistry) (5086) (5088)	Chapters 1 - 6, 7.1 - 7.2, 8 - 9, 11	Paper 1: MCQ  Paper 3: Structured and Free Response	Paper 1: 40m (23.5%)  Paper 3: 65m (38.25%)	Paper 1: 1 h  Paper 2: 1 h 15 min
3E, 3F, 3H	Science (Physics) (5086)	Chapter 1 - 7, 9 - 12	Paper 1: MCQ  Paper 2: Structured and Free Response	Paper 1: 40 m (23.5%)  Paper 2: 65 m (38.25%)	Paper 1: 1 h  Paper 2: 1h 15m
3E	Geography (2279)	Geography in Everyday Life Tourism Tectonics	Structured Questions Essay Questions	60 m	2 h
3F	History (2174)	2174/1: Extension of European control in Southeast Asia and challenges to European Dominance, 1870s - 1942	Source-Based Case Study (SBCS) and Structured-Essay Questions (SEQ)	Paper 1: 50 m (100%)	Paper 1: 1 h 50 min
3E - 3H	Social Studies (2260/01) (2261/01)	Issue 1 and 2Chapter 1 - 7	Source-Based Case Study (SBCS) and Structured-Response Questions (SRQ)	50 m (50%)	1 h 45 min
3F, 3G, 3H	Elective Geography (2260/02)	Geography in Everyday Life Tectonics	Structured Questions Essay Questions	50 m (50%)	1 h 45 min
3E, 3G	Elective History (2261/02)	Chap 1-5	Source-Based Case Study (SBCS) and Structured-Essay Questions (SEQ)	50 m (50%)	1 h 50 min
3F, 3H	Design and Technology (7059)	Design Structures Mechanisms Electronics	Paper 1: Written Paper - One case-based question on design content - Three design application questions relating to structures, mechanisms, electronics.  Paper 2: Design Project - Planning and Monitoring [4] - Formulating design brief and specifications [10] - Generating and Developing ideas [14] - Sketching to design [6] - Using mock-up to design [6] - Realising the prototype [12]	Paper 1: 80 m (25%)  Paper 2: 52 m (60%)	Paper 1: 2 h

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3E	Nutrition and Food Science (6097)	Chapter 1 - 9 Chapter 11 (Fruit, Vegetables and Meat) Chapter 12, 13 and 15	Section A: Multiple Choice Questions Section B: Short Answer Type Questions and Data Response Type Questions Section C: Open-ended Questions	Theory 100 m (40%)  Coursework - partial (60%)	2 h
3E	Art (6114)	Visual Response	Section A : Visual Analysis Visual Stimulus (Unseen) One question with two sub-parts to analyse the stimulus  Section B : Exploratory Sketching	Section A: 10m Section B: 40m	2 h 15 min
3F	ESS (6081)	Written Paper - Biomechanics - Psychology - Motor Learning	Paper 1: Written paper  Paper 2: Development Log Computer Lab Session  Paper 3: Team Practical Activity Performance (Conducted before start of EOY by PE dept)	Paper 1: 40 m (50%)  Paper 2: 20 m (25%)  Paper 3: 20 m (25%)	Paper 1: 1 h  Paper 2: 1h 30 min