TAMPINES SECONDARY SCHOOL
2022 WEIGHTED ASSESSMENT (TERM 2)
ASSESSMENT FORMAT
SEC 1 EXPRESS

No.	Subject	Duration	Format of Weighted Assessment (Marks)	Chapter / Topic
1	English Language	50 mins	Paper 2 Section A: Visual Text (5 marks) Section B: Comprehension (20 marks)	NA
2	Mother Tongue (CL)	50 mins	Section A: Fill in the blanks (4 questions, total 8 marks) Section B: Sentence Construction (4 questions, total 12 marks) Section C: Comprehension (open-ended) (20 marks)	Vocabulary from TB chapters 1&2
2a	Mother Tongue (HCL)	50 mins	Section A: Fill in the blanks (5 questions, total 10 marks) Section B: Sentence editing (5 questions, total 10 marks) Section C: Comprehension (open-ended) (20 marks)	Vocabulary from TB chapters 1-3
3	Mother Tongue (ML)	50 mins	Section A: Proverbs (10 marks) Section B: Comprehension & Vocabulary (30 marks)	Proverbs from Unit 1 to Unit 3 (for section A)
4	Mathematics	50 mins	Short Answers and Structured Questions of varying marks and lengths (35 marks)	Ch 1: Factors & Multiples Ch 2: Real Numbers Ch 3: Approximation & Estimation Ch 4.1: Introduction to Algebra Ch 4.2: Simplification of Linear Expression Ch 4.3: Expansion of Linear Expressions
5	Science	50 mins	Section A: 10 MCQ (10 marks) Section B: Structured questions (30 marks)	Ch 2: Exploring Diversity of Matter by its Physical Properties (Section 2.3, 2.4, 2.5 only) Ch 3: Exploring Diversity of Matter by its Chemical Composition Ch 4: Exploring Diversity of Matter using Separation Techniques
6	Literature	50 mins	Passage-Based Questions for RSITM (15 marks) + Seen Poetry (10 marks)	*Red Sky In The Morning* by Elizabeth Laird (Chapters 1-4) *Paper Planes* by Kenneth Wee
7	History	50 mins	Section A (15 marks): Source-Based Case Study Section B (10 marks): Structured Questions	Chapter 2: How did Singapore become a British trading post? Chapter 3: How did British rule and external developments affect Singapore's growth as a port city from 1819 to 1942?

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ASSESSMENT FORMAT

SEC 1 NORMAL ACADEMIC

No.	Subject	Duration	Format of Weighted Assessment (Marks)	Chapter / Topic
1	English Language	50 mins	Paper 2 Section A: Visual Text (5 marks) Section B: Comprehension (20 marks)	NA
	English Language (NA SBB)	50 mins	Paper 2 Section A: Visual Text (5 marks) Section B: Comprehension (20 marks)	NA
2	Mother Tongue (CL)	50 mins	Section A: Fill in the blanks (5 questions, total 10 marks) Section B: Cloze passage (5 questions, total 10 marks) Section C: Comprehension (open-ended) (15 marks)	Vocabulary from TB chapters 1&2
2a	Mother Tongue (CL) (SBB)	50 mins	Section A: Fill in the blanks (4 questions, total 8 marks) Section B: Sentence Construction (4 questions, total 12 marks) Section C: Comprehension (open-ended) (20 marks)	Vocabulary from TB chapters 1&2
3	Mother Tongue (ML)	50 mins	Section A: Proverbs (10 marks) Section C: Comprehension & Vocabulary (30 marks)	Proverbs from Unit 1 to Unit 3 (for section A)
3a	Mother Tongue (ML) (SBB)	50 mins	Section A: Proverbs (10 marks) Section B: Comprehension & Vocabulary (30 marks)	Proverbs from Unit 1 to Unit 3 (for section A)
4	Mathematics	50 mins	Short Answers and Structured Questions of varying marks and lengths (35 marks)	Chap 2 Real Numbers Chap 3 Approximation and Estimation Chap 4 Basic Algebra and Algebraic Manipulations
4a	Mathematics (SBB)	50 mins	Short Answers and Structured Questions of varying marks and lengths (35 marks)	Ch 1: Factors & Multiples Ch 2: Real Numbers Ch 3: Approximation & Estimation Ch 4.1: Introduction to Algebra Ch 4.2: Simplification of Linear Expression Ch 4.3: Expansion of Linear Expressions
5	Science	50 mins	Section A: 16 MCQ (10 marks) Section B: Structured questions (24 marks)	Chapter 2: Exploring diversity of matter by its physical properties (only density component tested) Chapter 3: Exploring Diversity of matter by its chemical composition Chapter 4: Exploring diversity of matter using separation techniques

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ASSESSMENT FORMAT

SEC 1 NORMAL ACADEMIC

No.	Subject	Duration	Format of Weighted Assessment (Marks)	Chapter / Topic
5a	Science (SBB)	50 mins	Section A: 10 MCQ (10 marks) Section B: Structured questions (30 marks)	Ch 2: Exploring Diversity of Matter by its Physical Properties (Section 2.3, 2.4, 2.5 only) Ch 3: Exploring Diversity of Matter by its Chemical Composition Ch 4: Exploring Diversity of Matter using Separation Techniques
6	Literature	50 mins	Passage-Based Questions for RSITM (15 marks) + Seen Poetry (10 marks)	*Red Sky In The Morning* by Elizabeth Laird (Chapters 1-4) *Paper Planes* by Kenneth Wee
7	History	50 mins	Section A (15 marks): Source-Based Case Study Section B (10 marks): Structured Questions	Chapter 2: How did Singapore become a British trading post? Chapter 3: How did British rule and external developments affect Singapore's growth as a port city from 1819 to 1942?

TAMPINES SECONDARY SCHOOL
2022 WEIGHTED ASSESSMENT (TERM 2)
ASSESSMENT FORMAT

SEC 1 NORMAL TECHNICAL

No.	Subject	Duration	Format of Weighted Assessment (Marks)	Chapter / Topic
1	English Language	50 mins	Paper 2 Comprehension II (30 marks)	NA
1a	English Language (NT SBB)	50 mins	Paper 2 Section A: Visual Text (5 marks) Section B: Comprehension (20 marks)	NA
2	Mother Tongue (BCL)	35 mins	Listening Comprehension (10 questions, total 20 marks)	NA
2a	Mother Tongue (CL) (SBB)	50 mins	Section A: Fill in the blanks (5 questions, total 10 marks) Section B: Cloze passage (5 questions, total 10 marks) Section C: Comprehension (open-ended) (15 marks)	Vocabulary from TB chapters 1&2
3	Mother Tongue (BML)	50 mins	Listening Comprehension (10 questions, total 20 marks)	NA
3a	Mother Tongue (ML) (SBB NA)	50 mins	Section A: Proverbs (10 marks) Section B: Comprehension & Vocabulary (30 marks)	Proverbs from Unit 1 to Unit 3 (for section A)
4	Mathematics	50 mins	Short Answers and Structured Questions of varying marks and lengths (35 marks)	Chapter 2: Four Operations Chapter 3: Ratio Chapter 4A : Percentage
5	Science	50 mins	Section A: 15 MCQ (15 marks) Section B: Structured questions (20 marks)	Chpt 6: Matter Chpt 8: Air pollution Chpt 9: Cells
5a	Science (SBB)	50 mins	Section A: 16 MCQ (10 marks) Section B: Structured questions (24 marks)	Chapter 2: Exploring diversity of matter by its physical properties (only density component tested) Chapter 3: Exploring Diversity of matter by its chemical composition Chapter 4: Exploring diversity of matter using separation techniques
6	Computer Applications	NA	Coursework given for a duration of 2 weeks (4 April to 13 April)	Inkscape

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
1	English Language	Paper 1: 1h 50min Paper 2: 1h 50 min Paper 3: Approximately 50 min Paper 4: Refer to Schedule	**Paper 1** Paper 1 Section A - Editing (10 marks) Paper 1 Section B - Situational Writing (30 marks) Paper 1 Section C - Continuous Writing (30 marks) **Paper 2** Paper 2 Section A - Structured Questions on Visual Text (5 marks) Paper 2 Section B - Structured Questions on Narrative Text (20 marks) Paper 2 Section C - Structured Question on Non-narrative Text (25 marks) **Paper 3** - Listening Comprehension (30 marks) **Paper 4** - Oral Communications (30 marks) Planned Response (15 marks) Spoken Interaction (15 marks)	NIL
2	Mother Tongue (CL)	Paper 1: 2h Paper 2: 1 h 30min Paper 3: - Oral (refer to schedule) - Listening Comprehension 35min	Paper 1 [60 marks] A) Email writing (2 choose 1) (20 marks) B) Essay writing (3 choose 1) (40 marks) Paper 2 [70 marks] A) Fill in the blanks (4 questions, total 4 marks) B) Vocabulary selection (4 questions, total 4 marks) C) Sentence construction/completion (4 questions, total 12 marks) D) Cloze passage (5 questions, total 10 marks) E) Comprehension (MCQ + open-ended) (10 marks) F) Comprehension (open-ended) (30 marks) Oral [50 marks] Listening Comprehension [20 marks]	Paper 1: Formal and Informal Email Narrative Essay and Stimulus-response Essay Paper 2: Vocabulary from TB chapters 1&2

TAMPINES SECONDARY SCHOOL
2022 MID-YEAR EXAM
ASSESSMENT FORMAT
SEC 2 EXPRESS

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
2a	Mother Tongue (HCL)	Paper 1: 2h Paper 2: 1 h 45min Paper 3: Oral (refer to schedule)	Paper 1 [80 marks] A) Email writing (2 choose 1) (20 marks) B) Essay writing (3 choose 1) (60 marks) Paper 2 [80 marks] A) Fill in the blanks (5 questions, total 5 marks) B) Vocabulary selection (5 questions, total 5 marks) C) Sentence construction/completion (2 questions, total 6 marks) D) Cloze passage (5 questions, total 10 marks) E) Sentence editing (5 questions, total 10 marks) F) Comprehension (MCQ) (10 marks) G) Comprehension (open-ended) (34 marks) Oral [40 marks]	Paper 1 Formal and Informal Email Narrative Essay Paper 2 Vocabulary from TB chapters 2&3
3	Mother Tongue (ML)	Paper 1: 2h Paper 2: 1h 30min Paper 3: -Oral (refer to schedule) - Listening Comprehension: 35min	Paper 1 [60 marks] A) Response writing (20 marks) B) Essay writing (2 choose 1) (40 marks) Paper 2 [70 marks] A) Fill in the blanks (5 questions, total 10 marks) B) Proverbs (5 questions, total 10 marks) C) Comprehension (MCQ) (20 marks) D) Comprehension (open-ended) (30 marks) Oral [50 marks] Listening Comprehension [20 marks]	Paper 1: Response Writing, Descriptive/Expository/Narrative Essay Paper 2: Proverbs up to unit 2.

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
4	Mathematics	P1: 1 hr 30 mins P2: 1 hr 30 mins	Paper 1: About 16 to 17 short answer questions testing more on fundamental skills and concepts. Students are required to answer ALL questions. [60 marks] Paper 2: About 4 to 5 questions of varying marks and lengths testing more on higher order thinking skills and 1 question on Problems in Real-World Context. Students are required to answer ALL questions. [60 marks]	**Sec 2 Topics:** Chapter 2 : Linear Equations in Two Variables Chapter 3 : Expansion and Factorisation of Algebraic Expression Chapter 4 : Algebraic Fractions and Formulae Chapter 5 : Quadratic Functions, Graphs and Equations **Sec 1 Topics :** - Real Numbers - Approximation and Estimation - Angles and Parallel Lines - Angles, Quadrilaterals and Other Polygons - Rate, Ratio and Speed - Sequences and Number Patterns
5	Science	2 h	Section A (30 marks) : Multiple Choice Questions Section B (40 marks) : Structured Questions Section C (30 marks) : Free Response Questions	Chapter 8: Atoms and Molecules Chapter 9: Applications of Forces and Transfer of Energy Chapter 10: Transfer of Heat Energy and Its Effects Chapter 11: Chemical Changes Chapter 12: Interactions Within Ecosystems (12.3 and 12.4)
6	Literature	1 h 15 min	Section A (25 marks): Short Answer Questions Section B (25 marks): Passage Based Questions	Don't Know Don't Care A Monster Calls Chapters 1-4
7	Geography	1 hr 15 min	Section A (10 marks): Geographical Investigation Skills Section B (26 marks): Structured Response Questions	Chapter 8: Housing and its Spatial Distribution Chapter 9: Sustainable Development of Housing
8	History	1 hr 15 min	Section A (17 marks): Source-Based Case Study Section B (20 marks): Structured Questions	Chapter 6: What did the people in Singapore experience during the Japanese Occupation? Chapter 7: How did the people in Singapore respond to British Rule after World War Two?

TAMPINES SECONDARY SCHOOL
2022 MID-YEAR EXAM
ASSESSMENT FORMAT

SEC 2 NORMAL ACADEMIC

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
1	English Language	Paper 1: 1h 50min Paper 2: 1h 50 min Paper 3: Approximately 50 min Paper 4: Refer to Schedule	**Paper 1** Paper 1 Section A - Editing (10 marks) Paper 1 Section B - Situational Writing (30 marks) Paper 1 Section C - Continuous Writing (30 marks) **Paper 2** Paper 2 Section A - Structured Questions on Visual Text (5 marks) Paper 2 Section B - Structured Questions on Narrative Text (20 marks) Paper 2 Section C - Structured Question on Non-narrative Text (25 marks) **Paper 3** - Listening Comprehension (30 marks) **Paper 4** - Oral Communications (30 marks) Planned Response (15 marks) Spoken Interaction (15 marks)	NIL

TAMPINES SECONDARY SCHOOL
2022 MID-YEAR EXAM
ASSESSMENT FORMAT

SEC 2 NORMAL ACADEMIC

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
1a	English Language (SBB)	Paper 1: 1h 50min Paper 2: 1h 50 min Paper 3: Approximately 50 min Paper 4: Refer to Schedule	**Paper 1** Paper 1 Section A - Editing (10 marks) Paper 1 Section B - Situational Writing (30 marks) Paper 1 Section C - Continuous Writing (30 marks) **Paper 2** Paper 2 Section A - Structured Questions on Visual Text (5 marks) Paper 2 Section B - Structured Questions on Narrative Text (20 marks) Paper 2 Section C - Structured Question on Non-narrative Text (25 marks) **Paper 3** - Listening Comprehension (30 marks) **Paper 4** - Oral Communications (30 marks) Reading Aloud (10 marks) Spoken Interaction (20 marks)	NIL
2	Mother Tongue (CL)	Paper 1: 2h Paper 2: 1 h 30min Paper 3: - Oral (refer to schedule) - Listening Comprehension 35min	Paper 1 [60 marks] A) Email writing (2 choose 1) (20 marks) B) Essay writing (3 choose 1) (40 marks) Paper 2 [60 marks] A) Vocabulary selection (4 questions, total 8 marks) B) Sentence completion (4 questions, total 12 marks) C) Cloze passage (5 questions, total 10 marks) D) Comprehension (MCQ) (10 marks) E) Comprehension (open-ended) (20 marks) Oral [60 marks] Listening Comprehension [20 marks]	Paper 1: Informal Email Narrative Essay and Completing Essay with given starter Paper 2: Vocabulary from TB chapters 1&2

TAMPINES SECONDARY SCHOOL
2022 MID-YEAR EXAM
ASSESSMENT FORMAT

SEC 2 NORMAL ACADEMIC

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
2a	Mother Tongue (CL) (SBB)	Paper 1: 2h Paper 2: 1 h 30min Paper 3: - Oral (refer to schedule) - Listening Comprehension 35min	Paper 1 [60 marks] A) Email writing (2 choose 1) (20 marks) B) Essay writing (3 choose 1) (40 marks) Paper 2 [70 marks] A) Fill in the blanks (4 questions, total 4 marks) B) Vocabulary selection (4 questions, total 4 marks) C) Sentence construction/completion (4 questions, total 12 marks) D) Cloze passage (5 questions, total 10 marks) E) Comprehension (MCQ + open-ended) (10 marks) F) Comprehension (open-ended) (30 marks) Oral [50 marks] Listening Comprehension [20 marks]	Paper 1: Formal and Informal Email Narrative Essay and Stimulus-response Essay Paper 2: Vocabulary from TB chapters 1&2
3	Mother Tongue (ML)	Paper 1: 2h Paper 2: 1h 30min Paper 3: -Oral: 2h - Listening Comprehension: 35min	Paper 1 [60 marks] A) Response writing (20 marks) B) Essay writing (2 choose 1) (40 marks) Paper 2 [60 marks] A) Fill in the blanks (5 questions, total 10 marks) B) Proverbs (5 questions, total 10 marks) C) Comprehension (MCQ) (10 marks) D) Comprehension (open-ended) (30 marks) Oral [60 marks] Listening Comprehension [20 marks]	Paper 1: Response Writing, Descriptive/Expository/Narrative Essay Paper 2: Proverbs up to unit 2.
3a	Mother Tongue (ML) (SBB)	Paper 1: 2h Paper 2: 1h 30min Paper 3: -Oral (refer to schedule) - Listening Comprehension: 35min	Paper 1 [60 marks] A) Response writing (20 marks) B) Essay writing (2 choose 1) (40 marks) Paper 2 [70 marks] A) Fill in the blanks (5 questions, total 10 marks) B) Proverbs (5 questions, total 10 marks) C) Comprehension (MCQ) (20 marks) D) Comprehension (open-ended) (30 marks) Oral [50 marks] Listening Comprehension [20 marks]	Paper 1: Response Writing, Descriptive/Expository/Narrative Essay Paper 2: Proverbs up to unit 2.

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
4	Mathematics	P1: 1 hr 30 mins P2: 1 hr 30 mins	Paper 1:About 14 to 15 short answer questions testing more on fundamental skills and concepts. Students are required to answer ALL questions. [50 marks] Paper 2: About 6 to 7 questions of varying marks and lengths testing more on higher order thinking skills and 1 question on Problems in Real-World Context. Students are required to answer ALL questions. [50 marks]	Chap 1: Linear Equations and Inequalities in One Variable Chap 2: Linear Functions and Graphs Chap 4: Expansion and Factorisation of Algebraic Expressions Chap 5: Algebraic Fractions Chap 9: Pythagoras' Theorem Chap 11: Statistical Diagrams Chap 12: Measures of Central Tendency
4a	Mathematics (SBB)	P1: 1 hr 30 mins P2: 1 hr 30 mins	Paper 1:About 16 to 17 short answer questions testing more on fundamental skills and concepts. Students are required to answer ALL questions. [60 marks] Paper 2: About 4 to 5 questions of varying marks and lengths testing more on higher order thinking skills and 1 question on Problems in Real-World Context. Students are required to answer ALL questions. [60 marks]	**Sec 2 Topics:** Chapter 2 : Linear Equations in Two Variables Chapter 3 : Expansion and Factorisation of Algebraic Expression Chapter 4 : Algebraic Fractions and Formulae Chapter 5 : Quadratic Functions, Graphs and Equations **Sec 1 Topics :** - Real Numbers - Approximation and Estimation - Angles and Parallel Lines - Angles, Quadrilaterals and Other Polygons - Rate, Ratio and Speed - Sequences and Number Patterns
5	Science	1 h 45 min	Section A (40 marks) : Multiple Choice Questions Section B (30 marks) : Structured Questions Section C (30 marks) : Free Response Questions	Chapter 7: The Particulate Nature of Matter Chapter 8: Atoms and Molecules Chapter 9: Applications of Forces and Transfer of Energy Chapter 10: Transfer of Heat Energy and Its Effects Chapter 11: Chemical Changes (until 11.2)

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
5a	Science (SBB)	2h	Section A (30 marks) : Multiple Choice Questions Section B (40 marks) : Structured Questions Section C (30 marks) : Free Response Questions	Chapter 8: Atoms and Molecules Chapter 9: Applications of Forces and Transfer of Energy Chapter 10: Transfer of Heat Energy and Its Effects Chapter 11: Chemical Changes Chapter 12: Interactions Within Ecosystems (12.3 and 12.4)
6	Literature	1 h 15 min	Section A (25 marks): Short Answer Questions Section B (25 marks): Passage Based Questions	Don't Know Don't Care A Monster Calls Chapters 1-4
7	Geography	1 hr 15 min	Section A (10 marks): Geographical Investigation Skills Section B (26 marks): Structured Response Questions	Chapter 8: Housing and its Spatial Distribution Chapter 9: Sustainable Development of Housing
8	History	1 hr 15 min	Section A (17 marks): Source-Based Case Study Section B (20 marks): Structured Questions	Chapter 6: What did the people in Singapore experience during the Japanese Occupation? Chapter 7: How did the people in Singapore respond to British Rule after World War Two?

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
1	English Language	Paper 1 - 1 hr 15 mins Paper 2 - 1 hr 20 mins Paper 3 - Approximately 45 mins Paper 4 - Approximately 30 mins (Refer to schedule)	Paper 1 - Writing (70 marks) Section A: Editing (10 marks) Students edit grammatical errors in a given text. Section B: Situational Writing (30 marks) Students write a text of at least 180 words. A stimulus text, which may include visuals, will be provided. Section C: Continuous Writing (30 marks) Students write a text of at least 120 words on one of two topics set. Paper 2 - Language Use and Comprehension (60 marks) Section A: Language Use Part 1: Modified Cloze I (10 marks) Candidates complete a cloze passage testing vocabulary. Part 2: Modified Cloze II (10 marks) Candidates complete a cloze passage testing grammar. Section B: Reading Comprehension Part 3: Comprehension I (10 marks) Candidates answer questions on a narrative or a recount. Part 4: Comprehension II (30 marks) Candidates answer questions on non-narrative texts, one of which includes visuals. Paper 3 - Listening (20 marks) Candidates complete a variety of listening tasks. Paper 4 - Oral Communication (40 marks) The two parts in this paper are not thematically linked. Part 1: Reading Aloud (15 marks) Candidates read aloud a short text, presented on a computer	NIL

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
1a	English Language (SBB)	Paper 1: 1h 50min Paper 2: 1h 50 min Paper 3: Approximately 50 min Paper 4: Refer to Schedule	**Paper 1** Paper 1 Section A - Editing (10 marks) Paper 1 Section B - Situational Writing (30 marks) Paper 1 Section C - Continuous Writing (30 marks) **Paper 2** Paper 2 Section A - Structured Questions on Visual Text (5 marks) Paper 2 Section B - Structured Questions on Narrative Text (20 marks) Paper 2 Section C - Structured Question on Non-narrative Text (25 marks) **Paper 3** - Listening Comprehension (30 marks) **Paper 4** - Oral Communications (30 marks) Planned Response (15 marks) Spoken Interaction (15 marks)	NIL
2	Mother Tongue (BCL)	Paper 1: 50min Paper 2: Oral (refer to schedule) Paper 3: Listening Comprehension 35min	Paper 1 [30 marks] A) Language Application B) Comprehension (MCQ) C) Comprehension (short ans) Oral [50 marks] Listening Comprehension [20 marks]	Writing Skill: Composing a short message using details from stimulus
2a	Mother Tongue (CL) (SBB)	Paper 1: 2h Paper 2: 1 h 30min Paper 3: - Oral (refer to schedule) - Listening Comprehension 35min	Paper 1 [60 marks] A) Email writing (2 choose 1) (20 marks) B) Essay writing (3 choose 1) (40 marks) Paper 2 [60 marks] A) Vocabulary selection (4 questions, total 8 marks) B) Sentence completion (4 questions, total 12 marks) C) Cloze passage (5 questions, total 10 marks) D) Comprehension (MCQ) (10 marks) E) Comprehension (open-ended) (20 marks) Oral [60 marks] Listening Comprehension [20 marks]	Paper 1: Informal Email Narrative Essay and Completing Essay with given starter Paper 2: Vocabulary from TB chapters 1&2

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
3	Mother Tongue (BML)	Paper 1: 50min Paper 2: Oral (refer to schedule) Paper 3: Listening Comprehension 35min	Paper 1 [30 marks] A) Language Application B) Comprehension (MCQ) C) Comprehension (short ans) Oral [50 marks] Listening Comprehension [20 marks]	Writing Skill: Composing a short message using details from stimulus
3a	Mother Tongue (ML) (SBB Express)	Paper 1: 2h Paper 2: 1h 30min Paper 3: -Oral (refer to schedule) - Listening Comprehension: 35min	Paper 1 [60 marks] A) Response writing (20 marks) B) Essay writing (2 choose 1) (40 marks) Paper 2 [70 marks] A) Fill in the blanks (5 questions, total 10 marks) B) Proverbs (5 questions, total 10 marks) C) Comprehension (MCQ) (20 marks) D) Comprehension (open-ended) (30 marks) Oral [50 marks] Listening Comprehension [20 marks]	Paper 1: Response Writing, Descriptive/Expository/Narrative Essay Paper 2: Proverbs up to unit 2.
3b	Mother Tongue (ML) (SBB NA)	Paper 1: 2h Paper 2: 1h 30min Paper 3: -Oral: 2h - Listening Comprehension: 35min	Paper 1 [60 marks] A) Response writing (20 marks) B) Essay writing (2 choose 1) (40 marks) Paper 2 [60 marks] A) Fill in the blanks (5 questions, total 10 marks) B) Proverbs (5 questions, total 10 marks) C) Comprehension (MCQ) (10 marks) D) Comprehension (open-ended) (30 marks) Oral [60 marks] Listening Comprehension [20 marks]	Paper 1: Response Writing, Descriptive/Expository/Narrative Essay Paper 2: Proverbs up to unit 2.

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
4	Mathematics	P1: 1 hr 30 mins	Paper 1: Around 11 to 13 short questions, with weightage of 2 to 4 marks largely free from context, testing more on fundamental concepts and skills. 2 longer questions worth 6 – 8 marks developed around a context. Students are to answer ALL questions [50 marks]	Sec 2 Chapters 1 - 6 1. Triangles & Quadrilaterals 2. Linear Algebra Epressions 3. Linear Equations 4. Functions & Graphs 5. Proportion 6. Rate & Speed
		P2: 1 hr 30 mins	Paper 2: Around 11 to 13 short questions carrying 2 to 4 marks largely free from context, testing more on fundamental concepts and skills, followed by 2 longer questions with weightage of 6 – 8 marks developed around a context. Students are to answer ALL questions [50 marks]	
4a	Mathematics (SBB)	P1: 1 hr 30 mins	Paper 1:About 14 to 15 short answer questions testing more on fundamental skills and concepts. Students are required to answer ALL questions. [50 marks]	Chap 1: Linear Equations and Inequalities in One Variable Chap 2: Linear Functions and Graphs Chap 4: Expansion and Factorisation of Algebraic Expressions Chap 5: Algebraic Fractions Chap 9: Pythagoras' Theorem Chap 11: Statistical Diagrams Chap 12: Measures of Central Tendency
		P2: 1 hr 30 mins	Paper 2: About 6 to 7 questions of varying marks and lengths testing more on higher order thinking skills and 1 question on Problems in Real-World Context. Students are required to answer ALL questions. [50 marks]	
5	Science	1 h 15 min	Section A : Multiple Choice Questions [25 marks] Section B: Structured Questions [55 marks] Total: 80 marks	Chapter 11: Human Reproduction Chapter 12: Taking Good Care of My Body Chapter 2: Forces (Until Topic 2.2)
5a	Science (SBB)	1 h 45 min	Section A (40 marks) : Multiple Choice Questions Section B (30 marks) : Structured Questions Section C (30 marks) : Free Response Questions	Chapter 7: The Particulate Nature of Matter Chapter 8: Atoms and Molecules Chapter 9: Applications of Forces and Transfer of Energy Chapter 10: Transfer of Heat Energy and Its Effects Chapter 11: Chemical Changes (until 11.2)

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
6	Computer Applications	P1 : 1 hr P2 : 1 hr 30 mins	Paper 1: 40 marks Section A: 20 MCQ (20 marks) Section B: Short answers. 5 to 8 questions, (20 marks) Paper 2: 60 marks: Task 1: Graphic Design (Inkscape) Task 2: Document Processing (Microsoft Word) Task 3: Animation and Game Making (Scratch)	Paper 1 Topics: Computer Fundamentals: Topics • Fundamental computing knowledge and skills. • Impact of technology on people and society. • Developments in hardware and software. • Computer usage and applications. • Computer ethics and security. Media Elements: Topics • Design and drawing with computer software. • Basic concepts, tools and techniques. Document Processing: Topics • Design documents using text and graphics. • Page layout, page and text format. Spreadsheet: Topics • Use of basic functions and formulas. Multimedia Communication: Topics • Incorporate different media elements: text, graphics, sound, animation and video. • Storyboarding. Paper 2: Media Elements: Topics • Design and drawing with computer

No.	Subject	Duration	Format of Weighted Assessment (Marks)	Chapter / Topic
1	English Language	50 mins	Paper 2 Section A - Visual Text (5 marks) Paper 2 Section B - Narrative Text (20 marks)	NA
2	Mother Tongue (CL)		Essay Writing (2 choose 1) (40 marks)	Narrative Essay and Argumentative Essay
2a	Mother Tongue (HCL)	50 mins	Essay Writing (2 choose 1) (40 marks)	Narrative Essay and Stimulus-Response Essay
3	Mother Tongue (ML)	50 mins	Essay Writing (3 choose 1) (40 marks)	Descriptive, Expository and Narrative
4	Mathematics	50 mins	Short Answers and Structured Questions of varying marks and lengths (35 marks)	Chap 2 More about linear inequalities Chap 3 Indices Chap 4 Coordinate Geometry
5	Additional Mathematics	50 mins	Structured Questions of varying marks and lengths (30 marks)	Chapter 2 : Equations & Inequalities Chapter 3 : Surds Chapter 4 : Polynomials only (Exclude Partial Fractions)
6	Social Studies	50 mins	Source Based Case Studies (23 marks) - Purpose (6m) - Comparison (7m) - Assertion (10m)	Issue 1: Understanding Citizenship and Governance (Chapters 1 - 3)
7	History (Humanities)	50 min	Section A: Source Based Case Study (11 marks) - Purpose - Reliability Section B: Structured Essay Question (12 marks) - How far do you agree?	Chapter 2: Stalin's Soviet Union (TB p. 44-62) Chapter 3: Hitler's Germany (TB p.64-85) [RP] WS2.2 & WS3.1
8	Geography (Humanities)	50 min	1 compulsory structured question with no more than 6 parts (25 marks)	Chapter 1: Living with tectonic hazard (Gateways 2 & 3)
9	Science (Chemistry)	50 mins	Section A (MCQ) - 12 marks Section B - 20 marks Section C - 8 marks	Chapter 4: Elements, Compounds and Mixtures Chapter 5: Atomic Structure Chapter 6: Chemical Bonding Chapter 7: Writing Chemical Equations
10	Science (Physics)	50 mins	Section A (MCQ) - 12 marks Section B - 20 marks Section C - 8 marks	Chapter 3: Dynamics Chapter 4: Mass, Weight and Density Chapter 5: Turning Effects of Forces Chapter 6: Pressure
11	Science (Biology)	50 mins	Section A (MCQ) - 12 marks Section B - 20 marks Section C - 8 marks	Chapter 4: Nutrients Chapter 5: Enzymes Chapter 6: Nutrition in Humans
12	Pure Chemistry	50 mins	Section A: MCQ(10m) Section B: Structured Questions(20m) Section C: Long Question(10m)	Chapter 4: Elements, Compounds and Mixtures Chapter 5: Atomic Structure Chapter 6: Ionic Bonding Chapter 7: Covalent and Metallic Bonding Chapter 8: Writing Chemical Equations Chapter 9: The Mole

No.	Subject	Duration	Format of Weighted Assessment (Marks)	Chapter / Topic
13	Pure Biology	50 mins	Section A: MCQ(10m) Section B: Structured Questions(20m) Section C: Long Question(10m)	Chapter 4: Nutrients Chapter 5: Enzymes Chapter 6: Nutrition in Humans
14	Pure Physics	50 mins	Section A: MCQ(10m) Section B: Structured Questions(20m) Section C: Long Question(10m)	Chpt 3: Forces Chpt 4: Mass, Weight and Density Chpt 5 Turning Effect of Forces
15	Literature	50 mins	Paper 2 Drama PBQ (25 marks)	Boom: Act 1, Focus on Author's Intention, Lit Devices
16	Principles of Accounts	50 mins	2 Structured Questions, with one question requiring the preparation of financial statements with simple adjustments. (30 marks)	Chapter 5: Trial balance and financial statements Chapter 6: Revenue and Other Income
17	Geography	45 mins	1 compulsory structured question with no more than 6 parts	Chapter 2: Living with tectonic hazards (Gateways 1 - 2)
18	History	50 mins	3 Structured Essay Questions which will require students to construct an explanation of events and/or issues	Unit 1 Chapter 3: French Colonial Rule in Vietnam Unit 2 Chapter 1: Impact of World War I in Europe

TAMPINES SECONDARY SCHOOL
2022 WEIGHTED ASSESSMENT (TERM 2)
ASSESSMENT FORMAT

SEC 3 NORMAL ACADEMIC

No.	Subject	Duration	Format of Weighted Assessment (Marks)	Chapter / Topic
1	English Language	50 mins	Paper 2 Section A - Visual Text (5 marks) Paper 2 Section B - Narrative Text (20 marks)	NA
1a	English Language (OOS)	50 mins	Paper 2 Section A - Visual Text (5 marks) Paper 2 Section B - Narrative Text (20 marks)	NA
2	Mother Tongue (CL)	50 mins	Essay Writing (2 choose 1) (40 marks)	Narrative Essay and Completing Essay with given starter
2a	Mother Tongue (CL) (OOS)	50 mins	Essay Writing (2 choose 1) (40 marks)	Narrative Essay and Argumentative Essay
3	Mother Tongue (ML)	50 mins	Essay Writing (4 choose 1) (40 marks)	Descriptive, Expository and Narrative
3a	Mother Tongue (ML) (OOS)	50 mins	Essay Writing (3 choose 1) (40 marks)	Descriptive, Expository and Narrative
4	Mathematics	50 mins	Short Answers and Structured Questions of varying marks and lengths (35 marks)	Chap 2 Quadratic Equations Chap 3 Graphs of Quadratic Functions Chap 4 Indices [till Unit 4.4]
4a	Mathematics (OOS)	50 mins	Short Answers and Structured Questions of varying marks and lengths (35 marks)	Chap 2 More about linear inequalities Chap 3 Indices Chap 4 Coordinate Geometry
5	Science (Chemistry)	50 mins	Section A (MCQ) - 12 marks Section B - 15 marks Section C - 8 marks	Chapter 3:Separation and Purification Chapter 4: Elements, Compounds and Mixtures Chapter 5: Atomic Structure Chapter 6: Chemical Bonding
5a	Science (Chemistry) (OOS)	50 mins	Section A (MCQ) - 12 marks Section B - 20 marks Section C - 8 marks	Chapter 4: Elements, Compounds and Mixtures Chapter 5: Atomic Structure Chapter 6: Chemical Bonding Chapter 7: Writing Chemical Equations
6	Science (Physics)	50 mins	Section A (MCQ) - 12 marks Section B - 15 marks Section C - 8 marks	Chapter 3: Forces and Pressure Chapter 4: Mass, Weight and Density Chapter 5: Turning Effects of Forces
6a	Science (Physics) (OOS)	50 mins	Section A (MCQ) - 12 marks Section B - 20 marks Section C - 8 marks	Chapter 3: Dynamics Chapter 4: Mass, Weight and Density Chapter 5: Turning Effects of Forces Chapter 6: Pressure
7	Science (Biology)	50 mins	Section A (MCQ) - 12 marks Section B - 15 marks Section C - 8 marks	Chapter 4: Nutrients Chapter 5: Enzymes Chapter 6: Nutrition in Humans (tested until digestion)
7a	Science (Biology) (OOS)	50 mins	Section A (MCQ) - 12 marks Section B - 20 marks Section C - 8 marks	Chapter 4: Nutrients Chapter 5: Enzymes Chapter 6: Nutrition in Humans

No.	Subject	Duration	Format of Weighted Assessment (Marks)	Chapter / Topic
8	Additional Mathematics	50 mins	Structured Questions of varying marks and lengths (30 marks)	Chapter 2 : Equations & Inequalities Chapter 3 : Surds Chapter 4 : Polynomials
9	Social Studies	50 mins	Source Based Case Study Question (23 Marks) 3 questions on the skills of Inference (Purpose), Comparison, and Assertion	Chapter 4: What is Diversity?
10	History (Humanities)	50 mins	Section A: Source-based Case Study (12marks) - Purpose and Reliability Section B: Structured Essay Question (8 marks) - Describe	Chapter 2: Stalin's Soviet Union (TB p. 30-43, 44-62) Chapter 3: Hitler's Germany (TB p.64-85) [RP] WS2.1, WS2.2 & WS3.1
11	Geography (Humanities)	50 mins	Structured Questions of not more than 6 parts (25 marks)	**Physical Geography** Topic 1: Living With Tectonic Hazards Risk or opportunity? Gateway 2: What landforms and associated tectonic phenomena are found at plate boundaries? (TB pg 20-47) [RP] A5-A6 for Plate Tectonics **Human Geography** Topic 1: Global Tourism Gateway 1: How does the nature of tourism vary from place to place? (TB pg 4-26) [RP] Assignment 1 & 2 for Tourism
12	Principles of Accounts	50 mins	2 Structured Questions, with one question requiring the preparation of financial statements with simple adjustments. (30 marks)	Chapter 5: Trial balance and financial statements Chapter 6: Revenue and Other Income

TAMPINES SECONDARY SCHOOL
2022 WEIGHTED ASSESSMENT (TERM 2)
ASSESSMENT FORMAT

SEC 3 NORMAL TECHNICAL

No.	Subject	Duration	Format of Weighted Assessment (Marks)	Chapter / Topic
1	English Language	50 mins	Paper 2 Comprehension II (30 marks)	NA
1a	English Language (OOS)	50 mins	Paper 2 Section A - Visual Text (5 marks) Paper 2 Section B - Narrative Text (20 marks)	NA
2	Mother Tongue (BCL)	35 mins	Listening Comprehension (10 questions, total 20 marks)	NA
2a	Mother Tongue (CL) (OOS)	50 mins	Essay Writing (2 choose 1) (40 marks)	Narrative Essay and Completing Essay with given starter
3	Mother Tongue (BML)	35 mins	Listening Comprehension (10 questions, total 20 marks)	NA
3a	Mother Tongue (ML) (OOS - Express)	50 mins	Essay Writing (3 choose 1) (40 marks)	Descriptive, Expository and Narrative
3b	Mother Tongue (ML) (OOS - NA	50 mins	Essay Writing (4 choose 1) (40 marks)	Descriptive, Expository and Narrative
4	Mathematics	50 mins	Short Answers and Structured Questions of varying marks and lengths (35 marks)	Chapter 1 : Indices and Standard Form Chatper 2 : Map Scales Chapter 3 : Algebraic Expansion, Fractions and Number Sequence Chapter 4 : Factorisation and Formulas
4a	Mathematics (OOS)	50 mins	Short Answers and Structured Questions of varying marks and lengths (35 marks)	Chap 2 Quadratic Equations Chap 3 Graphs of Quadratic Functions Chap 4 Indices [till Unit 4.4]
5	Science	50 min	Section A : MCQ (16 marks) Section B: Structured Questions (24 marks)	Chapter 2: Energy Transfer Through Waves Chapter 11: Respiration and Breathing
5a	Science (Chemistry) (OOS)	50 mins	Section A (MCQ) - 12 marks Section B - 15 marks Section C - 8 marks	Chapter 3:Separation and Purification Chapter 4: Elements, Compounds and Mixtures Chapter 5: Atomic Structure Chapter 6: Chemical Bonding
5b	Science (Physics) (OOS)	not offered in 2022	not offered in 2022	not offered in 2022
5c	Science (Biology) (OOS)	50 mins	MCQs, structured and one long question (35 marks)	Chapter 4: Nutrients Chapter 5: Enzymes Chapter 6: Nutrition in Humans (tested until digestion)
6	Computer Applications	30mins	Practical (20 marks)	Document Processing (DOP)

No.	Subject	Duration	Format of Weighted Assessment (Marks)	Chapter / Topic
7	Elements of Business Skills	50 mins	Short response and structured questions (40 marks)	Chapter 1: Introduction to Business Chapter 2: Businesses in the Travel and Tourism, Hospitality and Retail Industries Chapter 3: Introduction to Marketing Chapter 4: The Marketing Mix - Product

TAMPINES SECONDARY SCHOOL
2022 MID-YEAR EXAM
ASSESSMENT FORMAT

SEC 4 EXPRESS/SEC 5 NORMAL ACADEMIC

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
1	English Language	Paper 1: 1h 50min Paper 2: 1h 50 min Paper 3: Approximately 50 min Paper 4: Refer to Schedule	**Paper 1** Paper 1 Section A - Editing (10 marks) Paper 1 Section B - Situational Writing (30 marks) Paper 1 Section C - Continuous Writing (30 marks) **Paper 2** Paper 2 Section A - Structured Questions on Visual Text (5 marks) Paper 2 Section B - Structured Questions on Narrative Text (20 marks) Paper 2 Section C - Structured Question on Non-narrative Text (25 marks) **Paper 3** - Listening Comprehension (30 marks) **Paper 4** - Oral Communications (30 marks) Reading Aloud (10 marks) Spoken Interaction (20 marks)	NIL
2a	Mother Tongue (CL)	Paper 1: 2 hr Paper 2: 1 hr 30min Oral: please refer to schedule Listening comprehension: 35min	Paper 1 [60 marks] A) Email writing (2 choose 1) (20 marks) B) Essay writing (3 choose 1) (40 marks) Paper 2 [70 marks] A) Cloze passage (10 marks) B) Comprehension (MCQ) (20 marks) C) Comprehension (open-ended) (40 marks) Oral [50 marks] A) Reading aloud (10 marks) B) Video response and Conversation (40 marks) Listening Comprehension [20 marks]	NA
2b	Mother Tongue (HCL)	Paper 1: 2hr Paper 2: 1 hr 45min Oral: please refer to schedule	Paper 1 [80 marks] A) Email writing (2 choose 1) (20 marks) B) Essay writing (3 choose 1) (60 marks) Paper 2 [80 marks] A) Cloze passage (10 marks) B) Sentence editing (10 marks) B) Comprehension (short-answer) (10 marks) C) Comprehension (open-ended) (38 marks) D) Summary (12 marks) Oral [40 marks] A) Oral report (20 marks) B) Conversation (20 marks)	NA

TAMPINES SECONDARY SCHOOL
2022 MID-YEAR EXAM
ASSESSMENT FORMAT

SEC 4 EXPRESS/SEC 5 NORMAL ACADEMIC

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
2c	Mother Tongue (CL (B))	Paper 1: 50min Paper 2: 1hr Oral: please refer to schedule Listening comprehension: 35min	Paper 1 [20 marks] Writing - Choose 1 between email and picture composition Paper 2 [30 marks] A) Language application (10 marks) B) Comprehension (MCQ) (20 marks) Oral [30 marks] A) Reading aloud (10 marks) B) Video response and Conversation (20 marks) Listening Comprehension [20 marks]	NA
3	Mother Tongue (ML)	Paper 1: 2 hr Paper 2: 1 hr 30min Oral: please refer to schedule Listening comprehension: 35min	Paper 1 [60 marks] A) Email writing (2 choose 1) (20 marks) B) Essay writing (3 choose 1) (40 marks) Paper 2 [70 marks] A) Affixes (10 marks) B) Proverbs (10 marks) C) Cloze (10 marks) D) Comprehension (MCQ) (10 marks) E) Comprehension including vocabulary (open-ended) (30 marks) Oral [50 marks] A) Reading aloud (10 marks) B) Video response and Conversation (40 marks) Listening Comprehension [20 marks]	NA

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
4	Mathematics	P1: 2 hrs P2 : 2 hrs 30 mins	Paper 1: About 25 short answer questions testing more on the fundamental skills and concepts. Students are required to answer ALL questions. [80 marks] Paper 2: 10 to 11 questions of varying marks and lengths testing more on higher order thinking skills and of which 1 question is on Problems in Real-World Contexts. Students are required to answer ALL questions. [100 marks]	1. Numbers & their operations 2. Ratio & Proportion 3. Percentage 4. Rate & Speed 5. Algebraic expressions & formulae 6. Functions & Graphs 7. Equations & Inequalities 8. Set Language & Notation 9. Matrices 10. Problems in real-world contexts 11. Number Patterns 12. Angles, triangles, polygons 13. Congruence & similarity 14. Properties of circles 15. Pythagoras' theorem & trigonometry 16. Mensuration 17. Coordinate Geometry 18. Data Analysis 19. Probability
5	Additional Mathrmatics	P1: 2 hrs 15 mins P2 : 2 hrs 15 mins	Paper 1: Around 11 to 13 questions of varying marks and lengths testing more on the fundamental skills and concepts and of which 1 to 2 questions are on Problems in Real-World Contexts Students are required to answer ALL questions. [90 marks] Paper 2: 10 to 13 questions of varying marks and lengths and of which 1 to 2 questions are on Problems in Real-World Contexts Students are required to answer ALL questions. [90 marks]	(1) Quadratic Functions (2) Equations & Inequalities (3) Quadratic Inequalities (4) Surds (5) Polynomials & Partial Fractions (6) Exponential & Logarithmic Functions (7) Coordinate Geometry (8) Circles (9) Trigonometric Functions (10) Trigonometic Identities & Equations (11) Differentiation (12) Tangents, Normals and Rates of Change (13) Maxima & Minima (14) Differentiation of Trigo, Exponential and Logarithmic Functions (15) Integration
6	History (Humanities) (4E/5N)	1 hour 40 mins	Section A (30 Marks) [Either Korean War or Cuban Missile Crisis] - Inference, Comparison, Utility, Hybrid Comparison, Assertion Section B (20 Marks): Explain and Evaluation [2 Questions CHOOSE ONE]	Textbook Chapters Tested: - Sec 3 Chapters 4 to 7 (Page 107 to Page 211) - Sec 4 Chapters 1 to 3 (Page 1 to Page 114)
7	Geography (Humanities) (4E/5N)	1 hour 40 mins	Section A (13m): Geographical Investigations – Answer Question 1 **or** 2	Topic 1 (Physical Geography): Living with Tectonic Hazards (Gateways 1-3) pages 2-123

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
8	Social Studies (4E & 5NA)	1 hour 45 mins	Format: - Section A (35 Marks): Purpose, Comparison, Utility, Hybrid Comparison Assertion - Section B (15 Marks): SRQ A and SRQ B	Textbook Chapters Tested: Issue 1 and Issue 3 - Chapters 1 to 3 (pg 2 to 101) - Chapters 8 to 10 and the Cyber Security section of Chapter 11 (pg 250 - 336)
9	Pure Geography (4E)	Paper 1: 1 hour 40 mins Paper 2: 1 hour 30 mins	**Paper 1:** **Section A**: Geographical Investigation (25%) - Compulsory Question Global Tourism **Section B**: Structured Question (25%) - Choose 1. 1 question will be on a specific topic. One another question will be set on a combination of topics. 1) Coasts 2) Global Tourism **Paper 2:** **Section A**: Structured Question (25%) - Choose 1. 1 question will be on a specific topic. One another question will be set on a combination of topics. 1) Living with tectonic hazards 2) Variable Weather & changing climate **Section B:** Structured Question (25%) - Compulsory Question. 1) Food Resources	Topic 1 (Physical): Should coastal environments matter? (Gateways 1 – 3) Topic 2 (Physical): Living with Tectonic Hazards: Risk or Opportunity? (Gateways 1 – 3) Topic 3 (Physical): Variable Weather and Climate (Gateway 1 -3) Topic 4 (Geographical skills & investigation) Chapter 3 Topic 5 (Human) : Global Tourism (Gateway 1 & 3) Topic 6 (Human) : Food Resources (Gateway 1 & 2)
10	Science (Chemistry) 4E5N	5076 or 5078 Paper 1: 1 hr Paper 2 : 1 hr 15 mins	Paper 1 40 MCQ (40 m) Paper 1 will carry 40 marks and consist of 40 compulsory multiple choice items. 20 out of the 40 questions will be from Chemistry while the other 20 will be from Biology/Physics. Paper 2: SECT A – Structured Qn (45 m) SECT B – Free response Qn (20 m). Section A will carry 45 marks and will contain a number of compulsory structured questions of variable mark value. Section B will carry 20 marks and will contain three questions, each of 10 marks. Candidates are required to answer any two out of the three questions.	Chapter 5: Atomic Structure Chapter 6: Chemical Bonding Chapter 7: Writing Chemical Equations Chapter 8, 9: Mole and Chemical Calculations Chapter 10: Acids and Bases Chapter 11: Salts and Qualitative Analysis Chapter 12: Oxidation and Reduction Chapter 13: Metals Chapter 14: Periodic Table

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2022 MID-YEAR EXAM
ASSESSMENT FORMAT

SEC 4 EXPRESS/SEC 5 NORMAL ACADEMIC

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
11	Science (Physics) 4E5NA	5076 Paper 1: 1 hr Paper 2: 1 hr 15 mins	Paper 1 40 MCQ (40 m) Paper 1 will carry 40 marks and consist of 40 compulsory multiple choice items. For 5076, Paper 1 will be based on the Physics and Chemistry sections of the syllabus. Paper 2: SECT A – Structured Qn (45 m) SECT B – Free response Qn (20 m). Section A will carry 45 marks and will contain a number of compulsory structured questions of variable mark value. Section B will carry 20 marks and will contain three questions, each of 10 marks. Candidates are required to answer any two questions	Chapter 1: Physical Quantities, Units and Measurment Chapter 2: Kinematics Chapter 3 Dynamics Chapter 4: Mass, Weight and Density Chapter 5: Turning Effects of a Force Chapter 6: Pressure Chapter 7: Work, Energy and PowerChapter Chapter 8: Kinetic Model of Matter Chapter 9 Transfer of Thermal Energy Chapter 10: Thermal Properties of Matter Chapter 11: General Wave Properties Chapter 12: Light Chapter 13: Electromagnetic Spectrum Chapter 14: Sound Chapter 15: Static Electricity Chapter 16: Current of Electricity Chapter 17: D.C. Circuits
12	Science (Biology) 4E5NA	5078 Paper 1 (chem,bio): 1 hr Paper 2: 1hr 15min	Paper 1 40 MCQ (40 m) Paper 1 will carry 40 marks and consist of 40 compulsory multiple choice items. For 5078, Paper 1 will be based on the Chemistry and Biology sections of the syllabus. Paper 2: SECT A – Structured Qn (45 m) SECT B – Free response Qn (20 m). Section A will carry 45 marks and will contain a number of compulsory structured questions of variable mark value. Section B will carry 20 marks and will contain three questions, each of 10 marks. Candidates are required to answer any two questions	Chapter 2 Cells Chapter 3 Movement of Substances Chapter 4 Nutrients Chapter 5 Enzymes Chapter 6 Nutrition in Humans Chapter 7 Nutrition in Plants Chapter 8 Transport in Humans Chapter 9 Transport in Plants Chapter 10 Respiration in Humans Chapter 11 The Nervous System Chapter 12 The Human Eye Chapter 13 Hormones Chapter 14 Reproduction in Plants Chapter 15 Reproduction in Humans (only reproductive structures)

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
13	Pure Chemistry	6092 Paper 1: 1 h Paper 2: 1h 45 min	Paper 1 40 MCQ (40 m) Paper 1 will carry 40 marks and consist of 40 compulsory multiple choice items. Paper 2: SECT A – Structured Qn (50 m) SECT B – Free response Qn (30 m). Section A will carry 50 marks and will consist of a variable number of compulsory structured questions. Section B will carry 30 marks and will consist of three questions. The first two questions are compulsory questions, one of which will be a data-based question requiring candidates to interpret, evaluate or solve problems using a stem of information. This question will carry 8–12 marks. The last question will be presented in an either/or form and will carry 10 marks.	1. Atomic Structure 2. Ionic Bonding 3. Covalent and Metallic Bonding 4. Chemical Calculations 5. Writing Chemical Equations 6. Acids and Alkalis 7. Salts and Qualitative Analysis 8. Oxidation and Reduction 9. Energy Changes 10. Speed of Reaction 11. Periodic Table 12. Metals 13. Electrolysis 14. Ammonia
14	Pure Biology	6093 Paper 1: 1 hr Paper 2: 1 hr 45 mins	Paper 1 (1 h, 40 marks) This paper will consist of 40 compulsory multiple choice items. Paper 2 (1 h 45 min, 80 marks) This paper will consist of two sections. Section A will carry 50 marks and will consist of a variable number of compulsory structured questions. Section B will carry 30 marks and will consist of 3 free response questions. The first two questions are compulsory questions, one of which will be a data-based question requiring candidates to interpret, evaluate or solve problems using a stem of information. This question will carry 8-12 marks. The last question will be presented in an either/or form and will carry 10 marks.	Chapter 2 Cells Chapter 3 Movement of Substances Chapter 4 Nutrients Chapter 5 Enzymes Chapter 6 Nutrition in Humans Chapter 7 Nutrition in Plants Chapter 8 Transport in Humans Chapter 9 Transport in Plants Chapter 10 Respiration in Humans Chapter 11 Excretion in Humans Chapter 12 Homeostasis Chapter 13 The Nervous System Chapter 14 The Human Eye Chapter 15 Hormones Chapter 16 Cell Division Chapter 17 Reproduction in Plants Chapter 18 Reproduction in Humans

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
15	Pure Physics	6091 Paper 1: 1 hr Paper 2: 1 hr 45 mins	Paper 1 40 MCQ (40 m) Paper 1 will carry 40 marks and consist of 40 compulsory multiple choice items. Paper 2: SECT A – Structured Qn (50 m) SECT B – Free response Qn (30 m). Section A will carry 50 marks and will consist of a variable number of compulsory structured questions. Section B will carry 30 marks and will consist of three questions. The first two questions are compulsory questions, one of which will be a data-based question requiring candidates to interpret, evaluate or solve problems using a stem of information. This question will carry 8–12 marks. The last question will be presented in an either/or form and will carry 10 marks.	Chapter 1: Physical Quantities, Units and Measurment Chapter 2: Kinematics Chapter 3 Dynamics Chapter 4: Mass, Weight and Density Chapter 5: Turning Effects of a Force Chapter 6: Pressure Chapter 7: Work, Energy and PowerChapter Chapter 8: Temperature Chapter 9: Kinetic Model of Matter Chapter 10 Transfer of Thermal Energy Chapter 11: Thermal Properties of Matter Chapter 12: Light Chapter 13: Waves Chapter 14: Electromagnetic Spectrum Chapter 15: Sound Chapter 16: Static Electricity Chapter 17: Current of Electricity Chapter 18: D.C. Circuits Chapter 19: Practical Electricity
16	Literature	Paper 1: 1hr 45 mins Paper 2: 1hr 30 mins	Paper 1: Prose (PBQ) & Unseen (2 poems, choose 1) [50 marks] Paper 2: Drama (2 essays, choose 1 + PBQ) [50 marks]	*Fahrenheit 451* (Part 1-2) by Ray Bradbury; Unseen Poetry *Boom* by Jean Tay
17	Principles of Accounts	Paper 1: 1 hour Paper 2: 2 hours	**Paper 1:** Answer 3 to 4 compulsory structured questions. (40 marks) **Paper 2:** Answer 4 compulsory structured questions. (60 marks) • One question requires the preparation of financial statements for a business for one financial year. (20 marks) • A scenario-based question (7 marks) will be part of one of the 3 remaining questions. Candidates will write their answers on the question paper in Paper 1. For Paper 2, candidates will write their answers on the answer paper provided.	POA textbook chapters 1 - 14 inclusive.

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
18	Design & Technology	Paper 1: 2 hours	Candidates are to answer all questions. The questions will be design-centric requires knowledge application design, structures, mechanisms and electronics. Total marks : 80 Q1 Design (26m) Q2 Structures (18m) Q3 Mechanisms (18m) Q4 Electronics. (18m)	Design: Project Planning / Sources of Reseach / PIES analysis/ Product analysis / User analysis / PMI / 5W1H/ SWOT/ Formulation of design brief & specs / Ideation techniques/ Ergonomics/ Anthropometric data / 3D Sketching techniques (i.e. isometric, perspective) / Mock-ups/ 2D & 3D drawing techniques (i.e. orthographic, exploded and sectional views) / Evolution of design / Sustainability in design. Structures: Knowledge of wood, metals and plastics and their uses / Properties of materials (i.e. toughness, durability, stiffness, strength, hardness, elasticity) / Forces in products (i.e.tension, compression, bending, torsion, shear) / Structural reinforcement (i.e. folds, gussets, ribs, braces, laminating) Mechanisms: Open-loop control system (e.g. Stapler, ice-cream scoop) / Closed-loop system (e.g. Water cistern) / Mechanisms for transmission, conversion and control of motion / Practical application of mechanisms (e.g. levers, linkages, screw, rack and pinion, pulley, cams, gears, springs) Electronics: Open-loop control system (e.g. Table lamp, Digital thermometer / Closed-loop system (e.g. Air-conditioner, Hot water dispenser) / Electronic kits for practical application (e.g. counting, sensing of light, moisture and temperature) / Knowledge of electronic components (e.g. resistors, capacitors, microcontrollers, sensors)
19	Art	6123 Paper 2 (3 hours)	Paper 1: 6 A2 Coursework Prep by 25 April 2022 (60 marks) Paper 2: Drawing and Painting (40 Marks)	Paper 2 Students to respond to the Art exam paper question which will be released 3 weeks in advance for students to respond. An A3 prep work will be required for students to bring into the Art MYE venue to refer to.
20	Electronics	Paper 1: 2 hours	Candidates are to answer all questions Section A: Q1 to 7 Section B Q8 to Q11	Text book Chp 1 to 14

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
1a	English Language	Paper 1: 1h 50min Paper 2: 1h 50 min Paper 3: Approximately 50 min Paper 4: Refer to Schedule	**Paper 1** Paper 1 Section A - Editing (10 marks) Paper 1 Section B - Situational Writing (30 marks) Paper 1 Section C - Continuous Writing (30 marks) **Paper 2** Paper 2 Section A - Structured Questions on Visual Text (5 marks) Paper 2 Section B - Structured Questions on Narrative Text (20 marks) Paper 2 Section C - Structured Question on Non-narrative Text (25 marks) **Paper 3** - Listening Comprehension (30 marks) **Paper 4 -** Oral Communications (30 marks) Reading Aloud (10 marks) Spoken Interaction (20 marks)	NIL
1b	English Language (OOS)	Paper 1: 1h 50min Paper 2: 1h 50 min Paper 3: Approximately 50 min Paper 4: Refer to Schedule	**Paper 1** Paper 1 Section A - Editing (10 marks) Paper 1 Section B - Situational Writing (30 marks) Paper 1 Section C - Continuous Writing (30 marks) **Paper 2** Paper 2 Section A - Structured Questions on Visual Text (5 marks) Paper 2 Section B - Structured Questions on Narrative Text (20 marks) Paper 2 Section C - Structured Question on Non-narrative Text (25 marks) **Paper 3** - Listening Comprehension (30 marks) **Paper 4 -** Oral Communications (30 marks) Reading Aloud (10 marks) Spoken Interaction (20 marks)	NIL

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
2a	Mother Tongue (CL)	Paper 1: 2 hr Paper 2: 1 hr 30min Oral: please refer to schedule Listening comprehension: 35min	Paper 1 [60 marks] A) Email writing (2 choose 1) (20 marks) B) Essay writing (3 choose 1) (40 marks) Paper 2 [60 marks] A) Cloze passage (10 marks) B) Comprehension (MCQ) (20 marks) C) Comprehension (open-ended) (30 marks) Oral [60 marks] A) Reading aloud (20 marks) B) Video response and Conversation (40 marks) Listening Comprehension [20 marks]	NA
2b	Mother Tongue (CL) (OOS)	Paper 1: 2 hr Paper 2: 1 hr 30min Oral: please refer to schedule Listening comprehension: 35min	Paper 1 [60 marks] A) Email writing (2 choose 1) (20 marks) B) Essay writing (3 choose 1) (40 marks) Paper 2 [70 marks] A) Cloze passage (10 marks) B) Comprehension (MCQ) (20 marks) C) Comprehension (open-ended) (40 marks) Oral [50 marks] A) Reading aloud (10 marks) B) Video response and Conversation (40 marks) Listening Comprehension [20 marks]	NA
2c	Mother Tongue (CL (B))	Paper 1: 50min Paper 2: 1hr Oral: please refer to schedule Listening comprehension: 35min	Paper 1 [20 marks] Writing - Choose 1 between email and picture composition Paper 2 [30 marks] A) Language application (10 marks) B) Comprehension (MCQ) (20 marks) Oral [30 marks] A) Reading aloud (10 marks) B) Video response and Conversation (20 marks) Listening Comprehension [20 marks]	NA

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
3a	Mother Tongue (ML)	Paper 1: 2 hr Paper 2: 1 hr 30min Oral: please refer to schedule Listening comprehension: 35min	Paper 1 [60 marks] A) Email writing (2 choose 1) (20 marks) B) Essay writing (4 choose 1) (40 marks) Paper 2 [60 marks] A) Affixes (10 marks) B) Proverbs (5 marks) C) Cloze (5 marks) D) Comprehension (MCQ) (10 marks) E) Comprehension including vocabulary (open-ended) (30 marks) Oral [60 marks] A) Reading aloud (20 marks) B) Video response and conversation (40 marks) Listening Comprehension [20 marks]	NA
3b	Mother Tongue (ML) (OOS)	Paper 1: 2 hr Paper 2: 1 hr 30min Oral: please refer to schedule Listening comprehension: 35min	Paper 1 [60 marks] A) Email writing (2 choose 1) (20 marks) B) Essay writing (3 choose 1) (40 marks) Paper 2 [70 marks] A) Affixes (10 marks) B) Proverbs (10 marks) C) Cloze (10 marks) D) Comprehension (MCQ) (10 marks) E) Comprehension including vocabulary (open-ended) (30 marks) Oral [50 marks] A) Reading aloud (10 marks) B) Video response and Conversation (40 marks) Listening Comprehension [20 marks]	NA

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
4a	Mathematics	Paper 1: 2 hrs Paper 2 : 2 hrs	Paper 1: About 25 short answer questions testing more on fundamental skills and concepts. Students are to answer ALL questions [80 marks] Paper 2: • **Section A** will contain 9 to 10 questions of varying lengths and of which 1 question is on Problems in Real World context. Students are required to answer all questions. • **Section B** will contain 2 questions of which students will be required to answer **only one**. The questions in Section B will be based on the underlined content and there will be one question from the 'Geometry and Measurement' strand and one from the 'Statistics and Probability' strand. Each question carries the same number of marks, that is, either 7 or 8 marks. [60 marks]	Both Papers: Pythagoras and Nuumbers Paper 1 1. Numbers & their operations 2. Ratio & Proportion 3. Percentage 4. Rate & Speed 5. Algebraic expressions & formulae 6. Functions & Graphs 7. Equations & Inequalities 8. Problems in Real World Context 9. Angles, triangles, polygons 10. Congruence & similarity 11. Pythagoras' theorem & trigonometry 12. Mensuration and Area Sector 13. Coordinate Geometry 14. Problems in Real World Context 15. Data Analysis 16. Probability Paper 2: 1. Stem & Leaf, Box & Whiskers 2. Arc Length, Sector Areas & Radian 3. Applications of Trigonometry 4. Quadratic Equations 5. Real-World Context: Surface Areas & Volumes 6. Functions & Graphs 7. Data Analysis & Probability 8. Properties of Circle

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
4b	Mathematics (OOS)	P1: 2 hrs P2 : 2 hrs 30 mins	Paper 1: About 25 short answer questions testing more on the fundamental skills and concepts. Students are required to answer ALL questions. [80 marks] Paper 2: 10 to 11 questions of varying marks and lengths testing more on higher order thinking skills and of which 1 question is on Problems in Real-World Contexts. Students are required to answer ALL questions. [100 marks]	1. Numbers & their operations 2. Ratio & Proportion 3. Percentage 4. Rate & Speed 5. Algebraic expressions & formulae 6. Functions & Graphs 7. Equations & Inequalities 8. Set Language & Notation 9. Matrices 10. Problems in real-world contexts 11. Number Patterns 12. Angles, triangles, polygons 13. Congruence & similarity 14. Properties of circles 15. Pythagoras' theorem & trigonometry 16. Mensuration 17. Coordinate Geometry 18. Data Analysis 19. Probability
5	Additional Mathrmatics	Paper 1: 1 hr 45 mins Paper 2: 1 hr 45 mins	Paper 1: About 13–15 questions of varying marks and lengths testing more on the fundamental skills and concepts and of which 1 to 2 questions are on Problems in Real-World Contexts Students are required to answer all questions. [70 marks] Paper 2: 8 to 10 questions of varying marks and lengths and of which 1 to 2 questions are on Problems in Real-World Contexts. Students are required to answer all questions. [70 marks]	For both P1 and P2: Topics tested: Chap 1: Quadratic Functions Chap 2: Equations and Inequalities Chap 3: Surds Chap 4: Polynomials and Partial Fractions Chap 7: Coordinate Geometry Chap 8: Circles Chap 10: Trigonometric Functions Chap 11: Trigonometric identities and Equations Chap 12: Differentiation Chap 13: Tangents, Normals and Rates of Change Chap 14: Maxima and Minima Chap 16: 16.1 Indefinite Integrals (only) Chapter 17: Application of Integration

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
6	Social Studies	1h 45 mins	**Section A:** Source-Based Case Study (35 marks) [Issue 3] **Section B:** Structured Questions (15 marks) [Issue 2]	**Topics tested:** Issue 3: Being Part of a Globalised World - Chapter 8 and 9 Issue 2: Living in a Diverse Society - Chapter 4, 5, 6, 7
7	History (Humanities)	1 h 40 mins	**Section A:** Source-Based Case Study (30 marks) [The Korean War] **Section B:** Structured Questions (20 marks) [WWII in A-P & Defeat of Japan] (No options given)	Textbook Chapters Tested: - Sec 3 Chapters 6 and 7 (Page 166 to Page 211) - Sec 4 Chapter 2 (Page 36 to Page 69) [Please note that you need to have knowledge of Reasons for the Outbreak of the Cold War as well since KW was a proxy war in the context of the Cold War]
8	Geography (Humanities)	1 h 40 mins	**Section A: Geographical investigation** (13 marks) Choose 1 1) Global Tourism 2) Variable Weather & Climate **Section B: Structured question** (12 marks) Compulsory Question 1) Global Tourism **Section C: Geographical investigation** (25 marks) Choose 1 1) Living with Tectonic Hazards 2) Variable Weather & Climate	Topic 1 (Physical Geography): Living with Tectonic Hazards (Gateways 1-2) pages 2-45 Topic 2 (Physical Geography): Variable Weather and Changing Climate (Gateways 1-2) pages 70-117 Topic 3 (Human Geography): Global Tourism (Gateways 1-3) pages 2-89 Topic 4 (Geographical investigation): pages 124-176
9a	Science (Chemistry)	5105/5107 Papers 3 and 4: 1hr 15min	**Paper 3:** 20 compulsory multiple choice questions (20 marks) **Paper 4** Section A - Compulsory structured questions (14 marks) Section B - Three structured questions. Answer only two out of three questions. (16 marks)	From Textbook Chapter 1. Kinetic Particle Theory Chapter 2. Measurement and Experimentat Techniques Chapter 3. Separation and Purification Chapter 4. Elements, Compounds and Mixtures Chapter 5. Atomic Structure Chapter 6. Chemical Bonding Chapter 7. Writing Chemical Equations Chapter 8. Chemical Calculations Chapter 9. Acids and Bases Chapter 10. Salts Chapter 11. Metals Chapter 12. The Periodic Table Chapter 14. An Introduction to Organic Chemistry

SEC 4 NORMAL ACADEMIC

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
9b	Science (Chemistry) (OOS)	5076 or 5078 Paper 1: 1 hr Paper 2: 1 hr 15 mins	Paper 1 40 MCQ (40 m) Paper 1 will carry 40 marks and consist of 40 compulsory multiple choice items. 20 out of the 40 questions will be from Chemistry while the other 20 will be from Biology/Physics. Paper 2: SECT A – Structured Qn (45 m) SECT B – Free response Qn (20 m). Section A will carry 45 marks and will contain a number of compulsory structured questions of variable mark value. Section B will carry 20 marks and will contain three questions, each of 10 marks. Candidates are required to answer any two out of the three questions.	Chapter 5: Atomic Structure Chapter 6: Chemical Bonding Chapter 7: Writing Chemical Equations Chapter 8, 9: Mole and Chemical Calculations Chapter 10: Acids and Bases Chapter 11: Salts and Qualitative Analysis Chapter 12: Oxidation and Reduction Chapter 13: Metals Chapter 14: Periodic Table
10a	Science (Physics)	5105 Paper 1 and Paper 2 (together) 1hr 15min	**Paper 1:** 20 marks (20 x MCQs) **Paper 2** stuctured qns: **Section A** 14 marks, **Section B** 16 marks (3 Qns, choose 2 Qns. Each Qn is 8 marks)	Textbook: Chpt 1 Measurement to Chpt 14 D.C. Circuits
10b	Science (Physics) (OOS)	5076 Paper 1: 1 hr Paper 2: 1 hr 15 mins	Paper 1 40 MCQ (40 m) Paper 1 will carry 40 marks and consist of 40 compulsory multiple choice items. For 5076, Paper 1 will be based on the Physics and Chemistry sections of the syllabus. Paper 2: SECT A – Structured Qn (45 m) SECT B – Free response Qn (20 m). Section A will carry 45 marks and will contain a number of compulsory structured questions of variable mark value. Section B will carry 20 marks and will contain three questions, each of 10 marks. Candidates are required to answer any two questions	Chapter 1: Physical Quantities, Units and Measurment Chapter 2: Kinematics Chapter 3 Dynamics Chapter 4: Mass, Weight and Density Chapter 5: Turning Effects of a Force Chapter 6: Pressure Chapter 7: Work, Energy and PowerChapter Chapter 8: Kinetic Model of Matter Chapter 9 Transfer of Thermal Energy Chapter 10: Thermal Properties of Matter Chapter 11: General Wave Properties Chapter 12: Light Chapter 13: Electromagnetic Spectrum Chapter 14: Sound Chapter 15: Static Electricity Chapter 16: Current of Electricity Chapter 17: D.C. Circuits

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
11a	Science (Biology)	5107 Paper 1 and Paper 2 (together) 1hr 15min	**Paper 1:** 20 marks (20 x MCQs) **Paper 2** stuctured qns: **Section A** 14 marks, **Section B** 16 marks (3 Qns, choose 2 Qns. Each Qn is 8 marks)	Chapter 2 Cells Chapter 3 Movement of Substances Chapter 4 Nutrients Chapter 5 Enzymes Chapter 6 Nutrition in Humans Chapter 7 Nutrition in Plants Chapter 8 Transport in Humans Chapter 9 Transport in Plants Chapter 10 Respiration in Humans Chapter 11 The Nervous System Chapter 12 Reproduction in Plants Chapter 13 Reproduction in Humans (only reproductive structures)
11b	Science (Biology) (OOS)	5078 Paper 1 (chem,bio): 1 hr Paper 2: 1hr 15min	Paper 1 40 MCQ (40 m) Paper 1 will carry 40 marks and consist of 40 compulsory multiple choice items. For 5078, Paper 1 will be based on the Chemistry and Biology sections of the syllabus. Paper 2: SECT A – Structured Qn (45 m) SECT B – Free response Qn (20 m). Section A will carry 45 marks and will contain a number of compulsory structured questions of variable mark value. Section B will carry 20 marks and will contain three questions, each of 10 marks. Candidates are required to answer any two questions	Chapter 2 Cells Chapter 3 Movement of Substances Chapter 4 Nutrients Chapter 5 Enzymes Chapter 6 Nutrition in Humans Chapter 7 Nutrition in Plants Chapter 8 Transport in Humans Chapter 9 Transport in Plants Chapter 10 Respiration in Humans Chapter 11 The Nervous System Chapter 12 The Human Eye Chapter 13 Hormones Chapter 14 Reproduction in Plants Chapter 15 Reproduction in Humans (only reproductive structures)
12	Principles of Accounts	Paper 1: 1 hour Paper 2: 2 hours	**Paper 1:** Answer 3 to 4 compulsory structured questions. (40 marks) **Paper 2:** Answer 4 compulsory structured questions. (60 marks) • One question requires the preparation of financial statements for a business for one financial year. (20 marks) • A scenario-based question (5 marks) will be part of one of the 3 remaining questions. Candidates will write their answers on the question paper in Paper 1. For Paper 2, candidates will write their answers on the answer paper provided.	POA textbook chapters 1 - 14 inclusive.

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
13	Design & Technology	Paper 1:1 hour 30 minutes	Candidates are to answer all questions. The questions will be design-centric requires knowledge application design, structures, mechanisms and electronics. Total marks : 60 Q1 Design (24m) Q2 Mechanisms (18m) Q3 Electronics. (18m)	Design: Project Planning / Sources of Reseach / PIES analysis/ Product analysis / User analysis / PMI / 5W1H/ SWOT/ Formulation of design brief & specs / Ideation techniques/ Ergonomics/ Anthropometric data / 3D Sketching techniques (i.e. isometric, perspective) / Mock-ups/ 2D & 3D drawing techniques (i.e. orthographic, exploded and sectional views) / Evolution of design / Sustainability in design. Mechanisms: Open-loop control system (e.g. Stapler, ice-cream scoop) / Closed-loop system (e.g. Water cistern) / Mechanisms for transmission, conversion and control of motion / Practical application of mechanisms (e.g. levers, linkages, screw, rack and pinion, pulley, cams, gears, springs) Electronics: Open-loop control system (e.g. Table lamp, Digital thermometer / Closed-loop system (e.g. Air-conditioner, Hot water dispenser) / Electronic kits for practical application (e.g. counting, sensing of light, moisture and temperature) / Knowledge of electronic components
14	Art	6125 Paper 2 (3 hours)	Paper 1: 4A2 Coursework Prep by 25 April 2022 (60 marks) Paper 2: Drawing and Painting (40 Marks)	Paper 2 Students to respond to the Art exam paper question which will be released 3 weeks in advance for students to respond. An A3 prep work will be required for students to bring into the Art MYE venue to refer to.
15(a)	Nutrition & Food Science	6073 Paper 1 1 hour 30 min	Section A: 16m (MCQ) Section B: Short answer type questions, data response questions Section C: 24m (2 open-ended questions) Total : 80 marks	NFS Textbook Chapters 1-6: Nutrients Chapter 7: Diet & Health Problems Chapter 8: Diet & Meal Planning Chapter 9: Meal Analysis Chapter 11: Preparation & Cooking of Food Chapter 14: Sensory Evaluation of Food Chapter 15: Food Safety

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
15(b)	Nutrition & Food Science (N-level Practical)	6073 Paper 2 2.5 hours	Candidates to come properly attired for practical exam.	N.A

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
1a	English Language	Paper 1: 1 hr 15 mins Paper 2: 1 hr 20 mins Paper 3: About 45 minutes Paper 4: Refer to Schedule	Paper 1 - Writing (60m) Section A: Functional Tasks Part 1: Form Filling (10m) - Candidates fill in a form based on given information. Part 2: Functional Writing (20m) - Candidates write about 80 words based on the context provided in Part 1. Section B: Guided Writing (30m) - Candidates write a text of at least 180 words. A stimulus text, which may include visuals, will be provided. Paper 2 - Language Use and Comprehension (80m) Section A: Language Use Part 1: Editing (10m) - Candidates edit grammatical errors in a given text. Part 2: Language in Spoken Context (10m) - Candidates complete a transcript of a spoken text. Part 3: Modified Cloze I (10m) - Candidates complete a cloze passage testing vocabulary. Part 4: Modified Cloze II (10m) - Candidates complete a cloze passage testing grammar. Section B: Reading Comprehension Part 5: Comprehension I (10m) - Candidates answer questions on an informational text. Part 6: Comprehension II (30m) - Candidates answer questions on a text with visuals. Paper 3 - Listening (20m) Candidates complete a variety of listening tasks. Paper 4 - Oral Communication (40m) The two parts in this paper are thematically linked. Part 1: Reading Aloud (15m) - Candidates read aloud a short text, presented on a computer screen. Part 2: Spoken Interaction (25m) - Candidates engage in a discussion with the examiners on a topic based on a visual stimulus, in the form of a video clip.	NA
1b	English Language (OOS)	Paper 1: 1h 50min Paper 2: 1h 50 min Paper 3: Approximately 50 min Paper 4: Refer to Schedule	**Paper 1** Paper 1 Section A - Editing (10 marks) Paper 1 Section B - Situational Writing (30 marks) Paper 1 Section C - Continuous Writing (30 marks) **Paper 2** Paper 2 Section A - Structured Questions on Visual Text (5 marks) Paper 2 Section B - Structured Questions on Narrative Text (20 marks) Paper 2 Section C - Structured Question on Non-narrative Text (25 marks) **Paper 3** - Listening Comprehension (30 marks) **Paper 4** - Oral Communications (30 marks) Reading Aloud (10 marks) Spoken Interaction (20 marks)	NA

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
2a	Mother Tongue (BCL)	Paper 1: 50min Oral: please refer to schedule Listening comprehension: 35min	Paper 1 (30 marks) a) Language Application b) Comprehension (MCQ) c) Comprehension (short ans) Oral [50 marks] A) Reading aloud (20 marks) B) Video response and Conversation (30 marks) Listening Comprehension [20 marks]	NA
2b	Mother Tongue (CL) (OOS)	Paper 1: 2 hr Paper 2: 1 hr 30min Oral: please refer to schedule Listening comprehension: 35min	Paper 1 [60 marks] A) Email writing (2 choose 1) (20 marks) B) Essay writing (3 choose 1) (40 marks) Paper 2 [60 marks] A) Cloze passage (10 marks) B) Comprehension (MCQ) (20 marks) C) Comprehension (open-ended) (30 marks) Oral [60 marks] A) Reading aloud (20 marks) B) Video response and Conversation (40 marks) Listening Comprehension [20 marks]	NA
3a	Mother Tongue (BML)	Paper 1: 50min Oral: please refer to schedule Listening comprehension: 35min	Paper 1 [30 marks] A) Language Application B) Comprehension (MCQ) C) Comprehension (short ans) Oral [50 marks] A) Reading aloud (20 marks) B) Video response and Conversation (30 marks) Listening Comprehension [20 marks]	NA
3a	Mother Tongue (ML) (OOS)	Paper 1: 2 hr Paper 2: 1 hr 30min Oral: please refer to schedule Listening comprehension: 35min	Paper 1 [60 marks] A) Email writing (2 choose 1) (20 marks) B) Essay writing (4 choose 1) (40 marks) Paper 2 [60 marks] A) Affixes (10 marks) B) Proverbs (5 marks) C) Cloze (5 marks) D) Comprehension (MCQ) (10 marks) E) Comprehension including vocabulary (open-ended) (30 marks) Oral [60 marks] A) Reading aloud (20 marks) B) Video response and conversation (40 marks) Listening Comprehension [20 marks]	NA

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
4a	Mathematics	P1: 1 hr 30 mins P2: 1 hr 30 mins	Paper 1: 11–13 short questions with weightage of 2–4 marks. 2 longer questions with weightage of 6–8 marks developed around a context. Students are required to answer all questions which will cover topics from the strands: • Numbers and Algebra • Geometry and Measurement • Real-world Contexts related to Number and Algebra and Geometry and Measurement [50 marks] Paper 2: 11–13 short questions with weightage of 2–4 marks. 2 longer questions with weightage of 6–8 marks developed around a context. Students are required to answer all questions which will cover topics from the strands: • Numbers and Algebra • Geometry and Measurement • Real-world Contexts related to Number and Algebra and Statistics and Probability [50 marks]	**For both Paper 1 & Paper 2:** Numbers & their Operations Ratio & Proportion Percentage Rate & Speed Financial Transactions Algebraic Expressions & Formulae Functions & Graphs Solving Equations **For Paper 1:** Angles, Triangles, Quadrilaterals Symmetry Pythagoras' Theorem & Trigonometry Mensuration **For Paper 2:** Bar graphs, pie charts, dot diagrams, histograms Mean, Median, Mode Cumulative Frequency, Quartiles, Percentiles Probability
4b	Mathematics (OOS)	Paper 1: 2 hrs Paper 2 : 2 hrs	Paper 1: About 25 short answer questions testing more on fundamental skills and concepts. Students are to answer ALL questions [80 marks] Paper 2: • **Section A** will contain 9 to 10 questions of varying lengths and of which 1 question is on Problems in Real World context. Students are required to answer all questions. • **Section B** will contain 2 questions of which students will be required to answer **only one**. The questions in Section B will be based on the underlined content and there will be one question from the 'Geometry and Measurement' strand and one from the 'Statistics and Probability' strand. Each question carries the same number of marks, that is, either 7 or 8 marks. [60 marks]	Both Papers: Pythagoras and Nuumbers Paper 1 1. Numbers & their operations 2. Ratio & Proportion 3. Percentage 4. Rate & Speed 5. Algebraic expressions & formulae 6. Functions & Graphs 7. Equations & Inequalities 8. Problems in Real World Context 9. Angles, triangles, polygons 10. Congruence & similarity 11. Pythagoras' theorem & trigonometry 12. Mensuration and Area Sector 13. Coordinate Geometry 14. Problems in Real World Context 15. Data Analysis 16. Probability Paper 2: 1. Stem & Leaf, Box & Whiskers 2. Arc Length, Sector Areas & Radian 3. Applications of Trigonometry 4. Quadratic Equations 5. Real-World Context: Surface Areas & Volumes 6. Functions & Graphs 7. Data Analysis & Probability 8. Properties of Circle

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
5a	Science	Paper 1: 1h Paper 2: 1h 15 min	Paper 1: Multiple Choice [40 marks] Paper 2: Structured questions [60 marks]	All topics since sec 3 Module 4 Chapter 1: Energy and its Uses Chapter 2: Energy transfer through Waves Chapter 3: Effects of Forces Chapter 4: Electricity Chapter 5: Sources of Electricity Module 5 Chapter 6: Sources of Food Chapter 7: Food Chemistry Chapter 8: Food Health and Safety Module 6 Chapter 9: Digestion Chapter 10: Breathing Chapter 11: Fitness and Cardiac Health Chapter 12:Staying Healthy
5b	Science (Chemistry) (OOS)	5105/5107 Papers 3 and 4: 1hr 15min	**Paper 3:** 20 compulsory multiple choice questions (20 marks) **Paper 4** Section A - Compulsory structured questions (14 marks) Section B - Three structured questions. Answer only two out of three questions. (16 marks)	From Textbook Chapter 1. Kinetic Particle Theory Chapter 2. Measurement and Experimentat Techniques Chapter 3. Separation and Purification Chapter 4. Elements, Compounds and Mixtures Chapter 5. Atomic Structure Chapter 6. Chemical Bonding Chapter 7. Writing Chemical Equations Chapter 8. Chemical Calculations Chapter 9. Acids and Bases Chapter 10. Salts Chapter 11. Metals Chapter 12. The Periodic Table Chapter 14. An Introduction to Organic Chemistry
5c	Science (Biology) (OOS)	5107 Paper 1 and Paper 2 (together) 1hr 15min	**Paper 1:** 20 marks (20 x MCQs) **Paper 2** stuctured qns: **Section A** 14 marks, **Section B** 16 marks (3 Qns, choose 2 Qns. Each Qn is 8 marks)	Chapter 2 Cells Chapter 3 Movement of Substances Chapter 4 Nutrients Chapter 5 Enzymes Chapter 6 Nutrition in Humans Chapter 7 Nutrition in Plants Chapter 8 Transport in Humans Chapter 9 Transport in Plants Chapter 10 Respiration in Humans Chapter 11 The Nervous System Chapter 12 Reproduction in Plants Chapter 13 Reproduction in Humans (only reproductive structures)
5d	Science (Physics) (OOS)	5105 Paper 1 and Paper 2 (together) 1hr 15min	**Paper 1:** 20 marks (20 x MCQs) **Paper 2** stuctured qns: **Section A** 14 marks, **Section B** 16 marks (3 Qns, choose 2 Qns. Each Qn is 8 marks)	Textbook: Chpt 1 Measurement to Chpt 14 D.C. Circuits
6	Computer Applications	Paper 1,2 & 3	Paper 1 - MCQ (20m), structured (40m) Paper 2 - Practical (70m) Paper 3 - Practical (70m)	Theory Paper 1: CPF(computer fundamentals), MEL(multimedia elements), DOP,(document processing), AGM(animation and gaming), SST (spreadsheets), IMC (presentation slides) Practical paper 2: Graphic Drawing, Dcoument processing, Presentation slides Practical paper 3: Video Editing, Spreadsheet, Gaming

No.	Subject	Duration	Format of MYE (Marks)	Chapter / Topic
7	Elements of Business Skills	Paper 1 (1 hr 30 min)	Paper 1 -Short response and structured questions (100m)	Chapter 1: Introduction to Business Chapter 2: Businesses in 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
8	Music	6129/1 (Listening)	**Paper 1** Part A: Listening, Multiple Choice Questions (20marks) Part B: Listening, Short Answer Questions (20marks) **Total: 40 marks**	1. Popular Music from 2000 onwards, focusing on the following genres: 1.1. Pop 1.2. Rock 1.3. R&B 1.4. Electronic Dance Remix 2. Western Classical Music, focusing on the following genre: 2.1. Programme Music 3. Music for Film and Television, focusing on the following musical conventions: 3.1. Emotive Music Cues 3.2. Action Music Cues 4. Music from Local Cultures, focusing on the following Music Traditions in Singapore 4.1. Malay Ensemble Music 4.2. Chinese Ensemble Music 4.3. Indian Ensemble Music