Full SBB & Post-secondary Education Pathways

Secondary school experience under Full SBB

Secondary school experience

1. Mixed form classes upon entering secondary school
2. Common curriculum subjects at lower secondary
3. Subjects to be offered at G1, G2 or G3, mapped from the standards of the N(T), N(A) and Express respectively
4. Greater flexibility to offer subjects at various subject levels
5. Shift away from stream-based subject offerings

Entry to Secondary 1

Through Posting Groups (i.e., Posting Group 1, 2 or 3)

Singapore-Cambridge Secondary Education Certificate (SEC) examination

Revised post-secondary admission criteria

What's next?

Secondary 1 & 2 | End of Secondary 2 | Secondary 3 & 4

Deciding on upper secondary subject combinations

All students will offer between 5 and 9 examinable subjects for upper secondary.

Upper secondary

Students will continue to have flexibility to offer subjects at different subject levels, including elective subjects.

What's next?

End of Secondary 4/5

Singapore-Cambridge Secondary Education Certificate (SEC) Examination

From 2027, students will sit for the new SEC examinations, with different papers for each subject level.

5th year of secondary education will continue to be available for eligible students.

- This allows them to pace their learning and possibly offer subjects at a more demanding level to access more post-secondary pathways.

Post-Secondary

Admission to post-secondary education institutes

Admission criteria have been progressively updated to recognise students taking different combinations of subjects and subject levels.

- E.g., Polytechnic Foundation Programme (PFP) has been expanded to allow access to students offering G3 subjects, or a mix of G2 and G3 subjects.

Overview of Post-Secondary Pathways

From 2028, more post-secondary options will be available.

Students taking at least	POST-SEC PATHWAYS					
	ITE Year 1 Entry	ITE Year 2 Entry	Polytechnic Foundation Programme (PFP)	Polytechnic Year 1	Millennia Institute	Junior College
6 G3 subjects	✓	✓	NEW ✓	✓	✓	✓
5 G3 subjects	✓	✓	NEW ✓	✓	✓	
4 G3 subjects + 1 G2 subject	✓	✓	NEW ✓	NEW ✓		
5 G2 subjects	✓	✓	✓			
4 G1 subjects	✓	NEW* ✓				

*For students who meet ITE's Year 1 academic requirements

Changes to Post-Secondary Education

Admission requirements for Polytechnic Yr 1

1) **ELR2B2 net aggregate score of ≤ 22 points for all courses, nursing ≤ 24 points**
2) **Minimum entry requirements (subjects determined by course)**

2 'Relevant' G3 subjects

ELR2B2

English Language G3

1 'Best' G3 subject + 1 'Best' G2 or G3 subject

1 G2 subject can be counted as 1 [B] subject. If you take a G3 subject, it will be mapped to G2.

G3 Grade	MAPPED TO	G2 Grade
A1, A2, B3		1
B4, C5, C6		2
D7		3
E8		4
9		5
-		6

Polytechnic Year 1: Aggregate Computation

Aggregate Type		ELR2B2A		ELR2B2B	ELR2B2C	ELR2B2D
Types of Courses		Humanities, Media		Business	Engineering, Science, Facility Management, IT	Architecture, Design
EL		English				
R2	1st Group of Relevant Subjects	Art Business Studies Combined Humanities Economics Geography Higher Art Higher Music History Humanities (Social Studies, Literature in English) Humanities (Social Studies, Literature in Chinese) Humanities (Social Studies, Literature in Malay)	Humanities (Social Studies, Literature in Tamil) Humanities (Social Studies, History) Humanities (Social Studies, Geography) Intro to Enterprise Development Literature in English Literature in Chinese Literature in Malay Literature in Tamil Media Studies (English) Media Studies (Chinese) Music	Elementary Mathematics Additional Mathematics		
	2nd Group of Relevant Subjects	Additional Mathematics Art Business Studies Chinese Combined Humanities Creative 3D Animation Design & Technology Design Studies Economics Elementary Mathematics Food & Nutrition/Nutrition & Food Science Geography Higher Art Higher Chinese Higher Malay Higher Music Higher Tamil History Humanities (Social Studies, Literature in English) Humanities (Social Studies, Literature in Chinese)	Humanities (Social Studies, Literature in Malay) Humanities (Social Studies, Literature in Tamil) Humanities (Social Studies, History) Humanities (Social Studies, Geography) Intro to Enterprise Development Literature in English Literature in Chinese Literature in Malay Literature in Tamil Malay Media Studies (English) Media Studies (Chinese) Music Principles of Accounts Tamil	Art Business Studies Combined Humanities Economics Geography Higher Art Higher Music History Humanities (Social Studies, Literature in English) Humanities (Social Studies, Literature in Chinese) Humanities (Social Studies, Literature in Malay) Humanities (Social Studies, Literature in Tamil) Humanities (Social Studies, History) Humanities (Social Studies, Geography) Intro to Enterprise Development Literature in English Literature in Chinese Literature in Malay Literature in Tamil Media Studies (English) Media Studies (Chinese) Music Principles of Accounts	Biology Biotechnology Chemistry Computing / Computer Studies Creative 3D Animation Design & Technology Food & Nutrition Exercise & Sports Science Physics Science (Chemistry, Biology) Science (Physics, Biology) Science (Physics, Chemistry)	Art Biology Biotechnology Chemistry Computing / Computer Studies Creative 3D Animation Design & Technology Design Studies Food & Nutrition/Nutrition & Food Science Higher Art Media Studies (English) Media Studies (Chinese) Physics Science (Chemistry, Biology) Science (Physics, Biology) Science (Physics, Chemistry)
B2		Best 2 Other Subjects (Excluding CCA)				

Poly Foundation Programme (PFP)

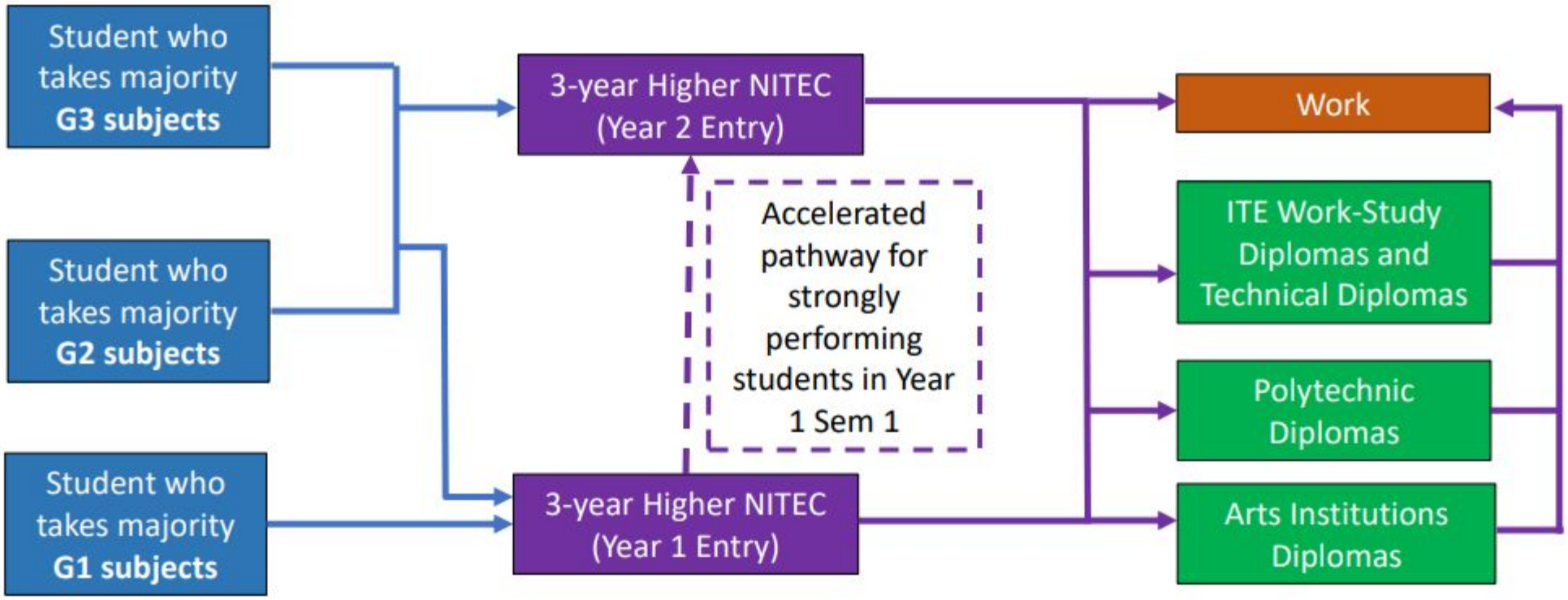
- The Polytechnic Foundation Programme (PFP) is one of the post secondary education pathways for students who offer at least 5 G2 subjects.
- It is a one-year preparatory programme that gives students a head start on their poly journey.
- Students will also get a provisional place in a diploma course when enrolled in PFP.
- With a practice-oriented curriculum taught by polytechnic lecturers, students will build a strong foundation needed to excel in their diploma studies.
- All Polytechnics offer PFP courses. For more information, please refer to the respective polytechnic websites.

Poly Foundation Programme (PFP)

Polytechnic Foundation Programme (PFP): Aggregate Computation			
Aggregate Type: ELMAB3 ≤ 12			
	Subjects Required		Subject Level
	For courses in **Sciences** and **Design, Engineering & Technology** clusters, including design sub-clusters; and **Nursing courses**	For courses featured in **Humanities, Art, Media and Business** cluster and **Early Childhood** courses	
EL	English Language		G2/3
MA	Mathematics		G2/3
B1	Design and Technology Food and Nutrition/Nutrition and Food Science Science	Art Humanities Principles of Accounts	G2/3
B2	Any two other subjects		G2/3
B3			G2/3
Total number of subjects required for computation = 5			5 G2/3

ITE: Overview of post-secondary progression to ITE in 2028

- For the AY2022 S4 cohort onwards, ITE is transitioning Nitec courses to the enhanced three-year curricular structure leading directly to a Higher Nitec certification. The transition will be completed by AY2026.

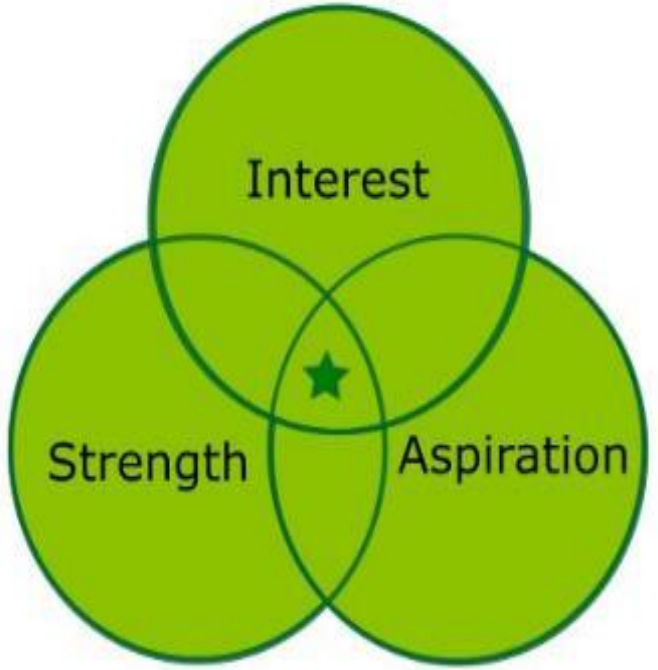


GENERAL GUIDELINES

In guiding your child to select a suitable subject combination, please consider:

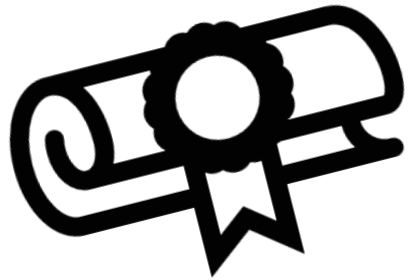
YOUR CHILD'S **INTERESTS, STRENGTHS AND POST-SECONDARY ASPIRATIONS**

YOUR CHILD'S ABILITY TO COPE WITH THE DEMANDS OF THE SUBJECT



YOUR CHILD'S INTERESTS, STRENGTHS AND ASPIRATIONS

- Evaluate your child's strengths and areas for growth to decide on the subject combination. Knowing the areas for growth can prevent your child from taking a subject that he/she may end up struggling with.
- Choosing a subject your child is strong in can help him/her further develop his/her skills and interests in the subject.



YOUR CHILD'S ABILITY TO COPE WITH THE DEMANDS OF THE SUBJECT COMBINATION

- Taking current results into consideration to help you identify which subjects your child is better at.
- This can indicate which subjects your child is more inclined towards.

SUBJECT COMBINATION - G3
(G3 subjects)

SUBJECT COMBINATION (G3 subjects)

English Language							
Mother Tongue/ Higher Mother Tongue Language							
Elementary Mathematics							
Combined Humanities (Social Studies, Elective History), OR Combined Humanities (Social Studies, Elective Geography)							
Pure Chemistry		Science (Chem, Phy)	Science (Chem, Bio)	Science (Chem, Phy)	Science (Chem, Bio)	Science (Chem, Phy)	Science (Chem, Bio)
Pure Physics	Pure Biology	Principles of Accounts		Craft & Tech		Craft & Tech	
Additional Mathematics		Additional Mathematics		Pure History or Pure Literature		Principles of Accounts	
No. of subjects							
7	7	7	7	7	7	7	7

*Students who do not meet any of the subject requirements will be offered only 6 subjects

Subjects Criteria (G3)

Sec 3 Subjects	Sec 2 Subjects	Overall %
Pure Sciences	**Science & Mathematics**	**≥65 ≥65**
Pure Literature	**English Literature & English Language**	**≥60 ≥60**
Pure History	**History & English Language**	**≥60 ≥60**
Additional Mathematics	**Mathematics**	**≥65**

Subjects Criteria (G3)

Sec 3 Subjects	Sec 2 Subjects	Overall %
Principles of Accounts	**Mathematics & English Language**	**≥55 ≥50**
Art	**Art**	**≥65**
NFS	**FCE**	**≥65**
D&T	**D&T**	**≥65**
(not part of Subject Combination option)		
HMTL	**only for existing HCL/HTL students**	**≥60**

SUBJECT COMBINATION - G2
(G2 subjects)

Sec 2 Subject Combination (G2 subjects)

English Language		
Mother Tongue/Higher Mother Tongue		
Elementary Mathematics		
Combined Humanities (Social Studies, Elective History) OR Combined Humanities (Social Studies, Elective Geography)		
Combined Science (Chemistry, Physics)		
Principles of Accounts	Additional Mathematics	Craft & Tech
6	6	6

No. of subjects

Subjects Criteria (G2)

Sec 3 Subjects	Sec 2 Academic Performance	Overall %
Additional Mathematics	Mathematics (students will also take G3 Math)	≥75
Principle of Accounts	Mathematics English Language	≥55 ≥50
Art	Art	≥60
NFS	FCE	≥60
D&T	D&T	≥60

Conversion table for G3 to G2 grade

G3	G2
A1 to B3	1
B4 to C6	2
D7	3
E8	4
F9	5
	6 (U*)

SUBJECT COMBINATION
(G1 subjects)

SUBJECT COMBINATION (G1 subjects)

English Language
Basic Chinese / Malay / Tamil Language
Mathematics
Science
Computing
Elements of Business Skills (EBS)

Grading System for G1
For Entry to 3-Year Higher Nitec Programme (Year 1)

G1 Subjects - ITE Points Calculation	
A	1
B	2
C	3
D	4
U	5

- The total points for best 4 subjects will form the aggregate points for entry to ITE
- Many Higher Nitec courses require pass in English, Math and Science

Conversion table for G2 to G1 grade

G2	G1
1,2,3	A
4	B
5	C
6	D

EXAMPLE OF CUT-OFF POINTS FOR ITE

	Course	Cut Off
1	Applied Food Science	8
2	Nursing	12
3	Business Services	7
4	Video Production	9
5	Aerospace Avionics	7
6	Electrical Technology	11
7	Digital Animation	12
8	Hospitality Operations	8

SINGAPORE BUDGET 2024

Support for ITE graduates

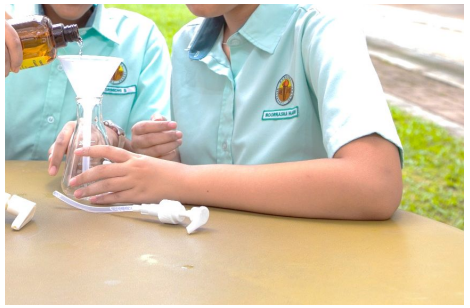
For ITE graduates **aged 30 and below:**

- **S$5,000 top-up** to Post-Secondary Education Account when an ITE graduate enrols in a diploma programme

- Further **S$10,000 top-up** to CPF Ordinary Account when the ITE graduate gets their diploma

Infographic: *Clara Ho*
Source: *Ministry of Finance, Feb 16, 2024*

cna



CCA

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CCA Bonus Point

- Excellent Grade

= 2 bonus points

- Good Grade
- = 1 bonus point

RECOGNITION OF STUDENTS' CO-CURRICULAR ATTAINMENT

At the end of the graduating year, the student's co-curricular attainment will be recognised according to the table below. The co-curricular attainment will be translated to bonus point(s) which can be used for admission to Junior Colleges / Polytechnics / Institutes of Technical Education (JC/Poly/ITE) [18].

Co-curricular Attainment	Descriptor
Excellent	The student has fulfilled the requirements for holistic development and achieved quality learning in the co-curriculum.
Good	The student has fulfilled the requirements for holistic development in the co-curriculum.
Fair	The student is working towards holistic development in the co-curriculum.

For an Excellent co-curricular attainment, which is translated to two bonus points, the student should have attained a minimum Level 3 in all four domains with at least Level 4 in one domain.

For a Good co-curricular attainment, which is translated to one bonus point, the student should have attained a minimum Level 1 in all four domains with any one of the following:

i. At least Level 2 in three domains;
ii. At least Level 2 in one domain and at least Level 3 in another domain; or
iii. At least Level 4 in one domain.

A Fair co-curricular attainment will not translate into any bonus points as the student has not met the minimum criteria for a Good co-curricular attainment.

SUBJECT INFORMATION

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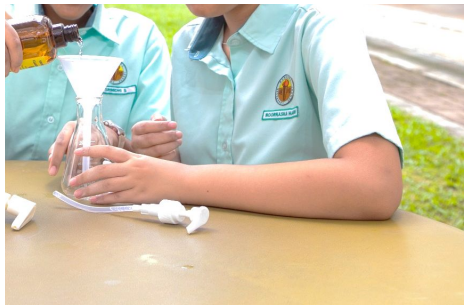

ADDITIONAL & ELEMENTARY MATHEMATICS

PUNGGOL SECONDARY SCHOOL

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Difference between Mathematics & Additional Mathematics

Mathematics (G2 & G3)	**Additional Mathematics** (G2 & G3)
The syllabus is intended to provide students with the **fundamental mathematical knowledge and skills**.	The syllabus **prepares students adequately for A-Level H2** Mathematics, where a strong foundation in algebraic manipulation skills and mathematical reasoning skills are required.
The content is organised into three strands: • Number and Algebra, • Geometry and Measurement, and • Statistics and Probability.	The content is organised into three strands: • **Algebra**, • Geometry and Trigonometry, and • Calculus.

Difference between Mathematics & Add Mathematics

Mathematics (G2 & G3)	**Additional Mathematics**(G2 & G3)
Besides conceptual understanding and skills proficiency explicated in the content strands, development of **process skills** that are involved in the process of acquiring and applying mathematical knowledge is also emphasised. These include **reasoning, communication and connections, thinking skills and heuristics, and application and modelling**; and are developed based on the three content strands.	Besides conceptual understanding and skill proficiency explicated in the content strands, important mathematical processes such as **reasoning, communication and application (including the use of models)** are also emphasised and assessed. **The G3 Additional Mathematics syllabus assumes knowledge of O-Level Mathematics.**

Difference between Mathematics & Add Mathematics

Mathematics (G2 & G3)	**Additional Mathematics** (G2 & G3)
Math questions have greater scaffolding. Even when the entire question is worth 10 or 11 marks in total, the entire question is broken down into parts, which then constitute a range of marks, ranging from a minimum of 1 mark to 6 marks maximum per part of the question.	Add Math questions typically have more marks allocated to each question. The minimum number of marks is 4 marks per question and can go up to a maximum of 12 marks per question. Very little scaffolding of Add Maths questions into parts.

Additional Mathematics (G2 & G3)

Concepts & Skills		
Algebra	Geometry & Trigonometry	Calculus
Mathematical Processes		

Aims of the syllabus

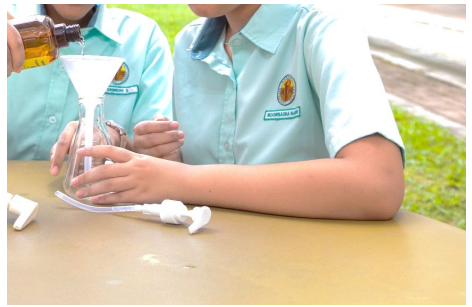
- **acquire mathematical concepts and skills** for higher studies in mathematics and to support learning in the other subjects, with emphasis in the sciences, but not limited to the sciences
- **develop thinking, reasoning, communication, application and metacognitive skills** through a mathematical approach to problem-solving
- **connect ideas** within mathematics and between mathematics and the sciences through applications of mathematics; and
- **appreciate** the abstract nature and power of mathematics.

Scheme of Assessment for G3 Additional Mathematics (4049)

Paper	Duration	Description	Marks	Weighting
Paper 1	2 hours 15 minutes	There will be 12 – 14 questions of varying marks and lengths, up to 10 marks per question. Candidates are required to answer **ALL** questions.	90	50%
Paper 2	2 hours 15 minutes	There will be 9 – 11 questions of varying marks and lengths, up to 12 marks per question. Candidates are required to answer **ALL** questions.	90	50%

Scheme of Assessment for G2 Additional Mathematics (4051)

Paper	Duration	Description	Marks	Weighting
Paper 1	1 hour 45 minutes	There will be 13–15 questions of varying marks and lengths. Candidates are required to answer **ALL** questions.	70	50%
Paper 2	1 hour 45 minutes	There will be 8–10 questions of varying marks and lengths. Candidates are required to answer **ALL** questions.	70	50%



PURE & COMBINED SCIENCE

PUNGGOL SECONDARY SCHOOL

ACHIEVERS WITH CHARACTER

Pure Sciences vs Combined Science G3

- The content for Pure Science is **broader** and **more in depth** compared to Combined Science. Pure Sciences will cover approximately 33% more content than each Combined Sciences (e.g. Pure Chemistry vs Science Chemistry).
- Pure Sciences emphasize on **Data Reading & Analysis** as well as Application of concepts. Examination questions are more demanding and challenging.
- Students should have a **good foundation in English** to be able to discuss concepts using correct vocabulary and casual links, and think deeply and critically to draw inferences based on information provided.
- A **strong foundation in Mathematics is essential** to ensure that students can handle and interpret visual, numerical and graphical data confidently, and make conclusions based on mathematical relationships between quantities.
- There is a practical exam at the end of the course which is about 45 min for each Combined Science subject requiring making observations and data collection as well as analysis of the data collected.
- The practical for Pure Science is 1 h 50 min and requires similar skills as combined science but with greater demand on analysis, **and an additional planning task**.

SCHEME OF ASSESSMENT

Pure Science

Candidates are required to enter for Papers 1, 2 and 3.

Paper	Type of Paper	Duration	Marks	Weighting
1	Multiple Choice	1 h	40	30%
2	Structured and Free Response	1 h 45 min	80	50%
3	Practical	1 h 50 min	40	20%

SCHEME OF ASSESSMENT

Combined Science

Candidates are required to enter for Paper 1, Paper 5 and two of Papers 2, 3 and 4.

Paper	Type of Paper	Duration	Marks	Weighting
1	Multiple Choice	1 h	40	20.0%
2	Structured and Free Response (Physics)	1 h 15 min	65	32.5%
3	Structured and Free Response (Chemistry)	1 h 15 min	65	32.5%
4	Structured and Free Response (Biology)	1 h 15 min	65	32.5%
5	Practical Test	1 h 30 min	30	15.0%

Subject	Pure Science	Combined Science
Biology	40 MCQ 80 m Structured 40 m Practical	20 m MCQ 65 m structured 15 m practical
Chemistry	40 MCQ 80 m Structured 40 m Practical	20 m MCQ 65 m structured 15 m practical
Physics	40 MCQ 80 m Structured 40 m Practical	20 m MCQ 65 m structured 15 m practical

Choose

Sci Physics &
Sci Chemistry

Or

Sci Chemistry &
Sci Biology

SCHEME OF ASSESSMENT

Candidates are required to enter for Paper 1, Paper 5 and two of Papers 2, 3 and 4.

Paper	Type of Paper	Duration	Marks	Weighting
1	Multiple Choice	1 h	40	20.0%
2	Structured and Free Response (Physics)	1 h 15 min	65	32.5%
3	Structured and Free Response (Chemistry)	1 h 15 min	65	32.5%
4	Structured and Free Response (Biology)	1 h 15 min	65	32.5%
5	Practical Test	1 h 30 min	30	15.0%

SCHEME OF ASSESSMENT

There will be six papers of which candidates will take four as described below.

5105 Science (Physics, Chemistry) Papers 1, 2, 3, 4
5106 Science (Physics, Biology) Papers 1, 2, 5, 6
5107 Science (Chemistry, Biology) Papers 3, 4, 5, 6

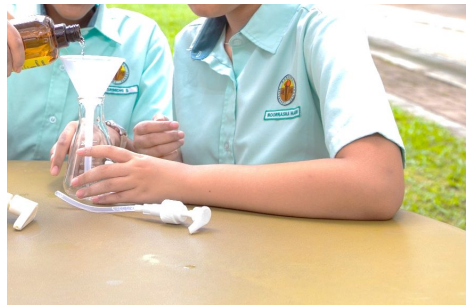
The pair of Papers 1 and 2, 3 and 4, 5 and 6 will be taken in one session of 1 hour 15 minutes. Candidates will be advised not to spend more than 30 minutes on each of Papers 1, 3 and 5.

Paper	Type of Paper	Duration	Marks	Weighting
1	Multiple Choice (Physics)	1 hour 15 minutes	20	20%
2	Structured (Physics)		30	30%
3	Multiple Choice (Chemistry)	1 hour 15 minutes	20	20%
4	Structured (Chemistry)		30	30%
5	Multiple Choice (Biology)	1 hour 15 minutes	20	20%
6	Structured (Biology)		30	30%

Subject	G3	G2
Science Biology	20 m MCQ 65 m structured 15 m practical	Not offered
Science Chemistry	20 m MCQ 65 m structured 15 m practical	20 m MCQ 30 m structured
Science Physics	20 m MCQ 65 m structured 15 m practical	20 m MCQ 30 m structured

Summary of differences for Pure Sciences vs Combined Science

	Subject count	Examination duration	Amount of content and rigour of syllabus	Practical required?
G3 **Pure Sciences**	each science is counted as 1 subject	P1 - 1 h P2 - 1 h 45 min P3 - 1 h 50 min **total: 4 h 35 min**	Very high	Examinable, 20% of final grade
G3 **Combined Science**	2 sciences taken as 1 subject	P1 - 1 h P2 (Phy) - 1 h 15 min P3 (Chem) - 1 h 15 min P4 (Bio) - 1 h 15 min (take 2 out of 3) P5 - 1 h 30 min **Total 5 h**	High	Examinable, 15% of final grade
G2 **Combined Science**	2 sciences taken as 1 subject	P1 and P2 (Phy) 1 h 15 min P3 and P4 (Chem) 1h 15 min **Total: 2 h 30 min**	Moderate	Practical skills are assessed in theory paper (10%)



HUMANITIES

SS/Geog or SS/History

Pure History

PUNGGOL SECONDARY SCHOOL

ACHIEVERS WITH CHARACTER

Elective History vs Pure History (G3)

History (Elective)

World War 1 (1914) to collapse of communism (1991)
Focus: European history

Students sit for 1 history paper. (50%)
Social Studies (50%)

Pure History

- **Unit 1**: Extension of European Control in Southeast Asia and Challenges to European Dominance, 1870s – 1942

- **Unit 2**: Developments in the Post-World War II World: Decolonisation and the Cold War, 1940s – 1991

(Focus: Malaya; Vietnam; Europe & Japan)

Students sit for 2 history papers. (100%)

Students offering Pure History can only offer SS+Elective Geog as their Combined Humanities

Both require good command of the English language:

- **Need to read, understand and interpret written text (sources)**
- **Need to write essays (constructing explanations)**

Elective Geography vs Elective History (G2 & G3)

Geography (50%)	History (50%)
· Cluster 1 - Everyday Geography · Cluster 2 - Tourism · Cluster 3 - Weather and Climate Geog is more current. (global warming, tourism etc.) Geog is more science-based. Studying data and drawing conclusions (Geographical Investigations) & map reading. <u>Assessment</u>: Evaluative essay; analysing data	World War 1 (1914) to collapse of communism (1991) • History is more an art of reconstructing the past using evidence. <u>Assessment</u>: ● Source Based Case study that test critical thinking skills ● Structured Essay Question that tests constructing explanation.
Social Studies (50%)	

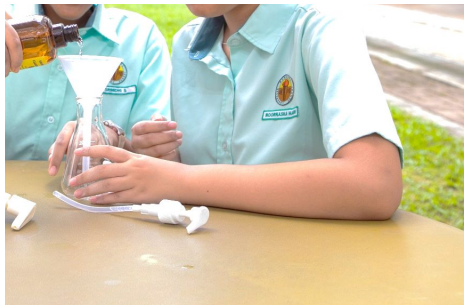
Suggestion: Get your child to browse through Sec 3 History and Geography textbooks. This will give them an idea what they will be studying in Sec 3 and what interests them.

Social Studies (G2 & G3)

- Students offering G2 and G3 Humanities at upper secondary will continue to offer Social Studies (SS) and a Humanities Elective of their choice - Geography or History
- The SS curriculum seeks to inculcate in students a deeper understanding of the values that define the Singapore society, nurture dispositions that will inspire them to show concern for the society and the world in which they live, and demonstrate empathy in their relationships with others.
- The assessment for SS will consist of 2 sections:

- Section A: Source-based case study
- Section B: Structured response question



English Literature

PUNGGOL SECONDARY SCHOOL

ACHIEVERS WITH CHARACTER

Literature in English (G3)

- **Some aims of Literature:**

  - promote the appreciation of multiple perspectives
  - sensitise students to artistic decisions made by writers
  - equip students with the skills to convince others of their interpretation, based on sound reasoning with evidence

(more info can be found in syllabus document on SEAB website)

- **Assessment:**

Paper 1: Prose and Unseen Poetry.

Duration: 1 hr 40 min (50%).

Students will answer one question from each section (Prose and Poetry).

Texts taught: *How We Live Now* with a wide range of SingLit and International poems

Paper 2: Drama.

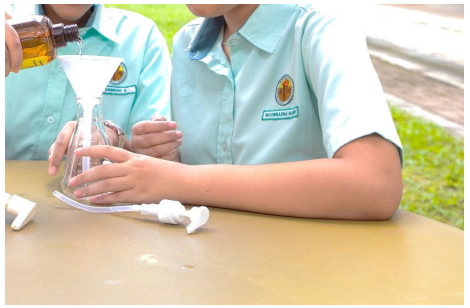
Duration: 1 hr 30 min (50%).

Students will answer one compulsory passage-based question and one essay question.

Text taught: *Master Harold and the Boys*

Questions usually focus on Theme and Writer's Craft.



Coursework

Design & Technology, Nutrition & Food Science or Art

PUNGGOL SECONDARY SCHOOL

ACHIEVERS WITH CHARACTER

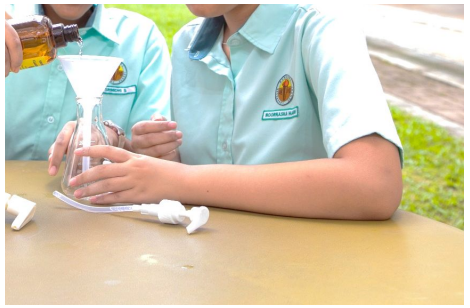
COURSEWORK- G3

Design & Technology (D&T)	Nutrition & Food Science (NFS)	Art
Focuses on research to define user needs, exploration and develop design solutions, prototyping their ideas using tools/equipment/machines. Cultivating creative, critical and reflective thinking. Paper 1 (Written Paper) - 40% Paper 2 (Coursework) - 60% Coursework components: **Design Process Journal**(90 pages) (research on real world problem, inquiry, idea conceptualization and development, planning and monitoring; 3D drawings) **Artifact** (realization, materials & practical processes) **2 Presentation boards** to communicate the solution for identified design problem	Demonstrate principle of nutrition and scientific principles underlying food preparation, processing and safety. - Paper 1 (Written paper) - 40% - Paper 2 (Coursework) - 60% 20 to 25-page report on a given task question. Coursework practical components: • Conduct a food science experiment • Prepare and cook 3 dishes related to the task question	Focuses on advanced art techniques (Niche mediums), Art movements and inspirations. Developing student's independent discovery and concept development. Paper 1(Visual Response) - 50% Paper 2 (Portfolio) – 50% Coursework components: **Paper 1:** **Section A Visual Analysis** Visual analysis has one question with two parts: Students must write a description based on the given visual stimulus. **Section B Exploratory Sketching** Express ideas using sketching based on Section A. **Paper 2:** **Portfolio Design** consisting of 15 screens of sketches and 800 word write-up

COURSEWORK – NORMAL (G2)

D&T	NFS	Art
Focuses on research to define user needs, exploration and develop design solutions, prototyping their ideas using tools/equipment/machines. Cultivating creative, critical and reflective thinking. Paper 1 (Written Paper) - 40% Paper 2 (Coursework) - 60% Coursework components: **Design Process Journal**(70 pages) (research on real world problem, inquiry, idea conceptualization and development, planning and monitoring; 3D drawings) **Artifact** (realization, materials & practical processes) **2 Presentation boards** to communicate the solution for identified design problem	Demonstrate principle of nutrition and scientific principles underlying food preparation, processing and safety. - Paper 1 (Written paper) - 40% - Paper 2 (Coursework) - 60% 15 to 20-page report on a given question. Coursework practical components: • Conduct a food experiment • Prepare and cook 3 dishes related to the task question	Focuses on advanced art techniques (Niche mediums), Art movements and inspirations. Developing student's independent discovery and concept development. Paper 1(Visual Response) - 50% Paper 2 (Portfolio) – 50% **Paper 1:** **Section A Visual Analysis** Visual analysis has one question with two parts: Students must write a description based on the given visual stimulus. **Section B Exploratory Sketching** Express ideas using sketching based on Section A. **Paper 2:** **Portfolio Design** consisting of 10 screens of sketches and 500 word write-up



Principles of Accounts

PUNGGOL SECONDARY SCHOOL

ACHIEVERS WITH CHARACTER

Principles of Accounts

G2 & G3

Aims of Syllabus:

- Apply double entry system of recording business transactions.
- Synthesis and presentation skills in the preparation of accounting information in a suitable form.
- Analytical skill in interpreting financial statements and analysing the effects of business transactions and accounting adjustments on financial statements.
- Evaluative skill in evaluating businesses for their profitability, liquidity and efficiency of inventory and trade receivables management using financial information and ratios
- Decision-making skill in evaluating choices using both accounting and non-accounting information.

G2 & G3

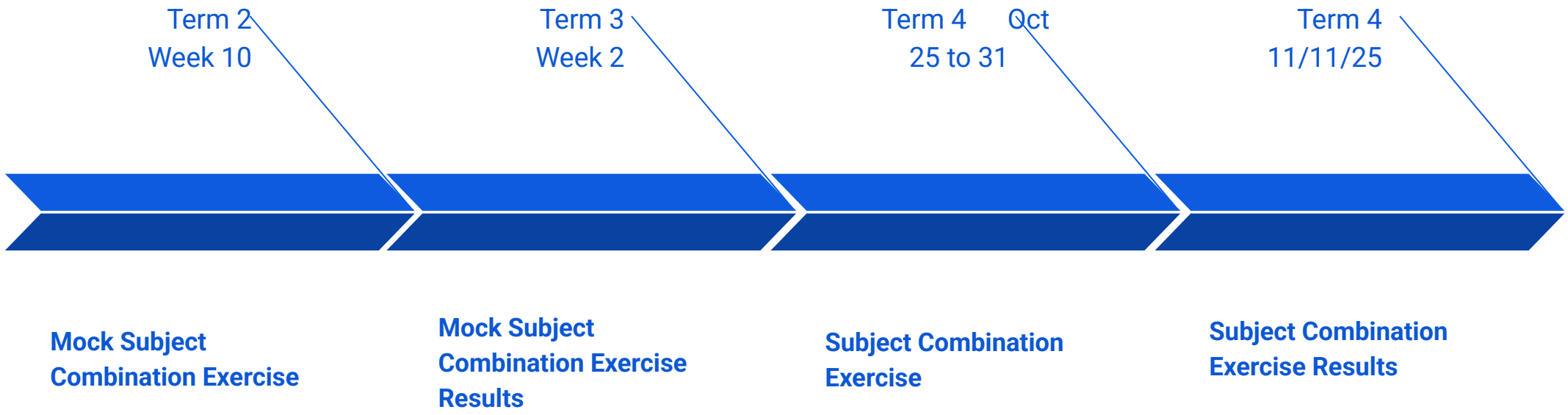
Principles of Accounts (Assessment)

	Details	Weighting	Duration
Paper 1	Answer 3 to 4 compulsory structured questions. (40 marks)	40%	1 hour
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 will be part of one of the 3 remaining questions.	60%	2 hours

Important Information

Subject Allocation Exercise

Students will be submitting their choice of subject combinations on an online portal.



MOE Resources

Ministry of Education
SINGAPORE

https://www.moe.gov.sg/post-secondary

Learn about the choices available for you to pursue your next phase of learning based on your interests and strengths.

SCHOOL FINDER

https://www.moe.gov.sg/schoolfinder

Explore a list of schools based on school type, CCAs, and what programmes they offer.

COURSE FINDER

https://www.moe.gov.sg/coursefinder

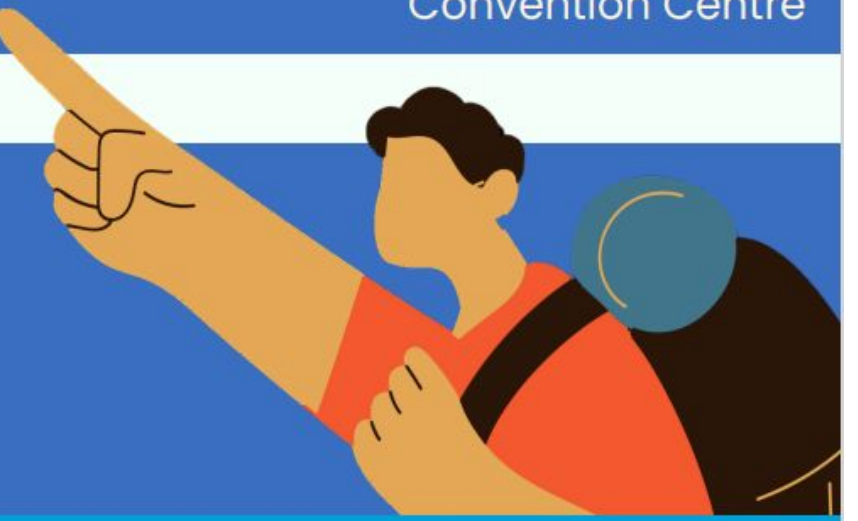
Explore courses offered by ITE, polytechnics and Autonomous Universities based on aggregate type, score and area of interest.

WORLDSKILLS SINGAPORE 2025 ECG FAIR

Education & Career Guidance

3-5 April 2025
0900-1700
Sands Expo and
Convention Centre

Join us on an Odyssey to Broaden Possibilities!



1 BROADEN EDUCATION AND CAREER POSSIBILITIES

Gain insights into the evolving World of Work through interactions with **industry partners**!

2 KNOW MORE ABOUT YOURSELF

Discover your strengths, interests and sense of purpose at the **ECG Exploration Space**!

3 CULTIVATE SKILLS FOR LIFE

Witness the ultimate showdown at the **Skills Competition** and take on a good challenge at the **Try-a-Skill booths**!

worldskills Singapore

Ministry of Education
SINGAPORE

https://go.gov.sg/pssecg

Chat with Ms Grace, Education and Career Guidance Counsellor

Every Monday and Tuesday
@ L2 ECG Room (next to the Hall)

8.30 am to 4.30 pm

champion_grace@schools.gov.sg

FAQs

PUNGGOL SECONDARY SCHOOL

ACHIEVERS WITH CHARACTER

FAQ

Can my child try a certain subject combination first and then drop subjects later?

As opportunity cost is involved, students should avoid adopting the mentality of “trying things out first” if they are not very confident of the subject combination.

Notwithstanding this, at the end of Sec 3, students can review their subject combination especially if they are not doing well.

FAQ

How can we make the best choice for our child?

We encourage parents to consider their child's ability, interest and aspirations.

It is important that your child knows which subjects he/she is interested in and if he/she is able to manage the academic rigour of their selected subject combination.

Another factor to consider is the post-secondary pathway that he/she would like to embark on.

FAQ

Does the school only consider the end-of-year results or overall results for the cut off marks for the selection of subjects?

The school adopts a holistic approach by assessing the student's overall performance across the entirety of the academic year. Thus, the school looks at students' overall marks for each subject, considering their progress throughout the year.

FAQ

How many subject combination choices will a student be able to make?

The number of subject combinations a student can select is dependent on the student's overall results.

Students will only be able to select subject combinations for which they meet the eligibility criteria.

FAQ

To select G3 Principles of Account (POA) as a subject, students have to obtain 55 marks in Mathematics to qualify for the subject. Why is this so?

The concepts learnt in Mathematics are highly relevant to the learning of POA. Proficiency in Mathematics is crucial for students to effectively engage with numerical data and analyse accounting information critically. Therefore, the subject requirement is imposed to ensure that students have the necessary foundation to take the subject.

FAQ

If my child does not take up G3 A Math, will it affect his/her subject combination choices in JC?

Please refer to the respective JC websites on their subject requirements for the different subject combination choices.

FAQ

If my child is considering doing medicine in university, must he/she take triple science?

For medicine in local universities, the prerequisite is a H2 level pass at A-Levels in Chemistry and Biology or Physics (no need for triple science).

Junior Colleges may have their own pre-requisites for students to take H2 Chemistry, Biology or Physics with indicative grade cut-offs for the relevant subjects at G3. Generally, a good pass of B3 or higher may be required.

FAQ

What are the benefits of G2 students taking G3 subjects?

Their G3 grade will be converted to the G2 grade based on the conversion table. The aggregate obtained can be used to apply for PFP (Poly) and ITE Year 2 Entry.

FAQ

How can I help my child do well?

Students are encouraged to work closely with their subject teachers so that they can close their learning gaps. Students are also encouraged to prepare a revision timetable for all subjects and follow it closely.

FAQ

How can I guide my child to make the right choices for his/ her subject combination?

We strongly encourage students to explore the Skillsfuture portal and complete quizzes under 'Know Yourself'. The quizzes may help to guide students in discovering their career interests. From there, they can gauge the industry and possible courses that they can pursue. Students are encouraged to speak to the school's Education and Career Guidance counsellor if they need more support.

FAQ

How can my child's CCA bonus points be used in the entry criteria for JC/Poly/ITE?

Upon graduation, students' co-curricular attainment will be recognised according to Excellent/Good/Fair grades. The level of attainment will be converted to bonus point(s) which can be used for admission to Institutes of higher learning (JC/Poly/ITE).

These bonus points are deducted from the gross aggregate score in National Exams to calculate the net aggregate score. The gross aggregate score is used to determine eligibility for admission to JC/Poly/ITE. After indication of preference, posting to the specific stream/course will be based on his/her net aggregate score.