

# **Full Subject-Based Banding**

**Sec 2 Parent Engagement  
13 May 2025**

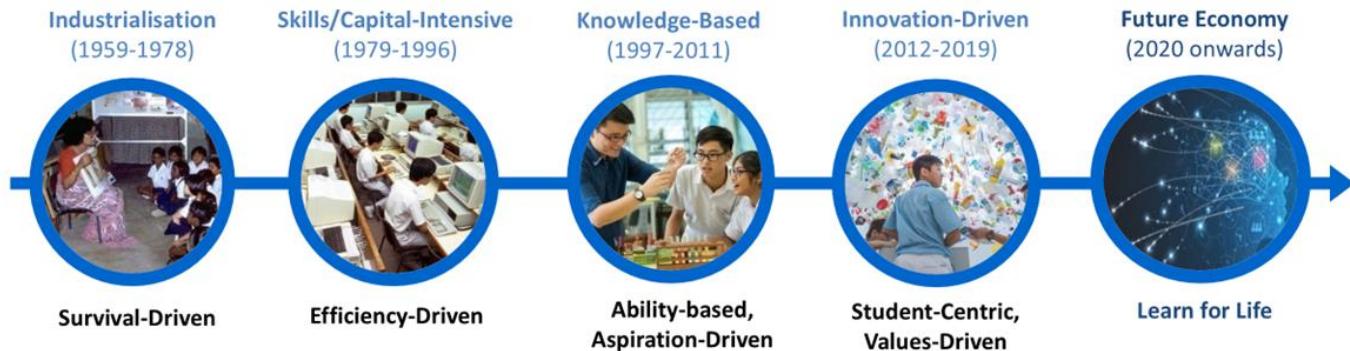
Mayflower Secondary School

# Today's Session

1. Overview of Full Subject-Based Banding
2. Supporting our children through Education & Career Guidance (ECG)
  - a. Post-secondary landscape and options for your child
  - b. 2 Case studies
3. Mayflower subject offerings in Upper Secondary in 2026

## Evolution of our Education Landscape:

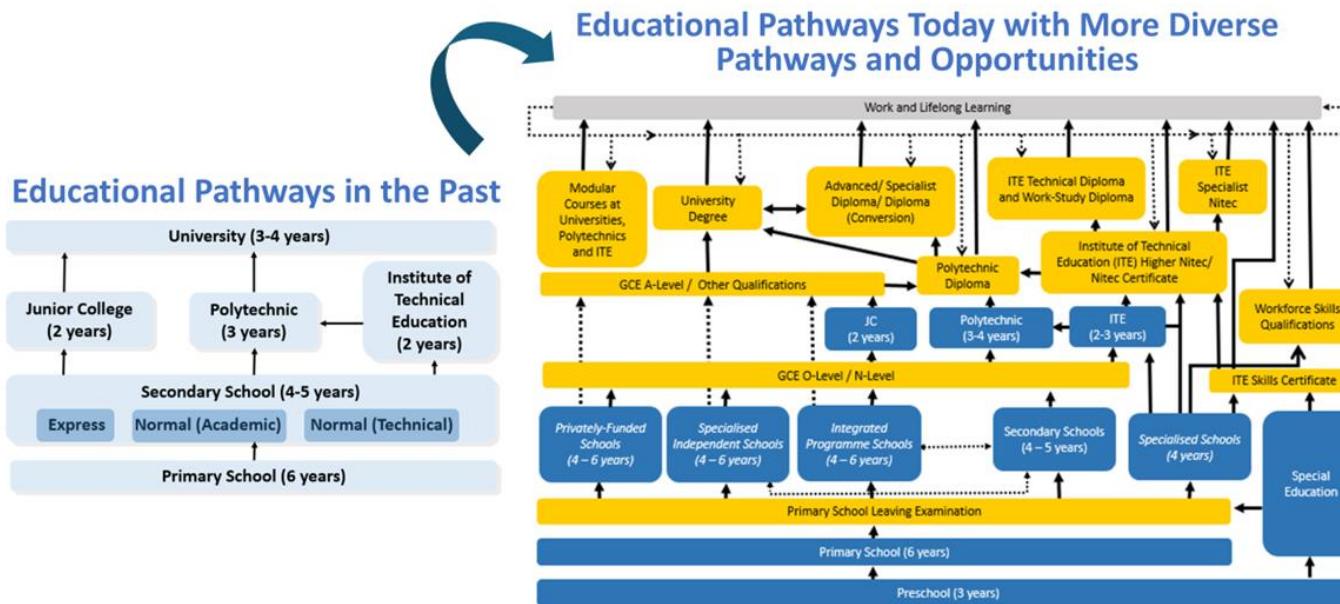
*to empower Singaporeans to thrive at each stage of  
our economic transformation*



With the pace of disruption accelerated by technological changes and shorter cycles for jobs and skills obsolescence, our future economy is dynamic and evolving.

**It is therefore critical for us to nurture lifelong learners with the confidence to navigate through our increasingly complex world and contribute towards a better future.**

# Evolution of our Education Landscape: Diverse and Variegated



# What is Full Subject-Based Banding?

- Full Subject-Based Banding (Full SBB) is part of MOE's ongoing efforts to **nurture the joy of learning** and **develop multiple pathways** to cater to the different strengths and interests of our students.
- With Full SBB, we are moving towards a secondary school education where **students learn each subject at the level that best caters to their overall strengths, interests and learning needs**.

# Rationale of Full SBB

Full SBB aims for students to:



Have **greater ownership of their learning** according to their strengths, interests and learning needs



Develop a **growth mindset and an intrinsic motivation** to learn for life



Have **more opportunities to interact with friends** of different backgrounds, strengths and interests

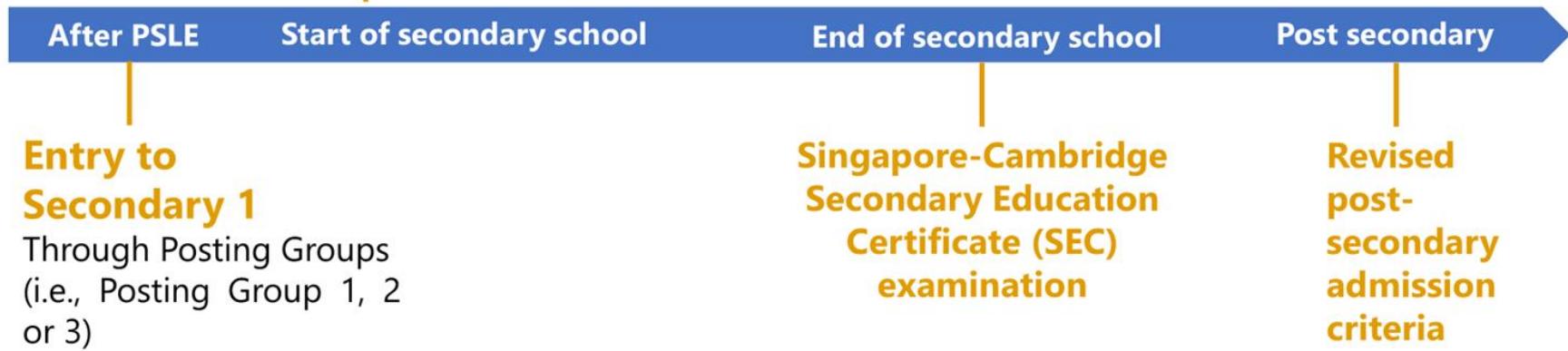


Have **more options for post-secondary pathways**, while ensuring they have strong fundamentals and can thrive in their chosen pathway

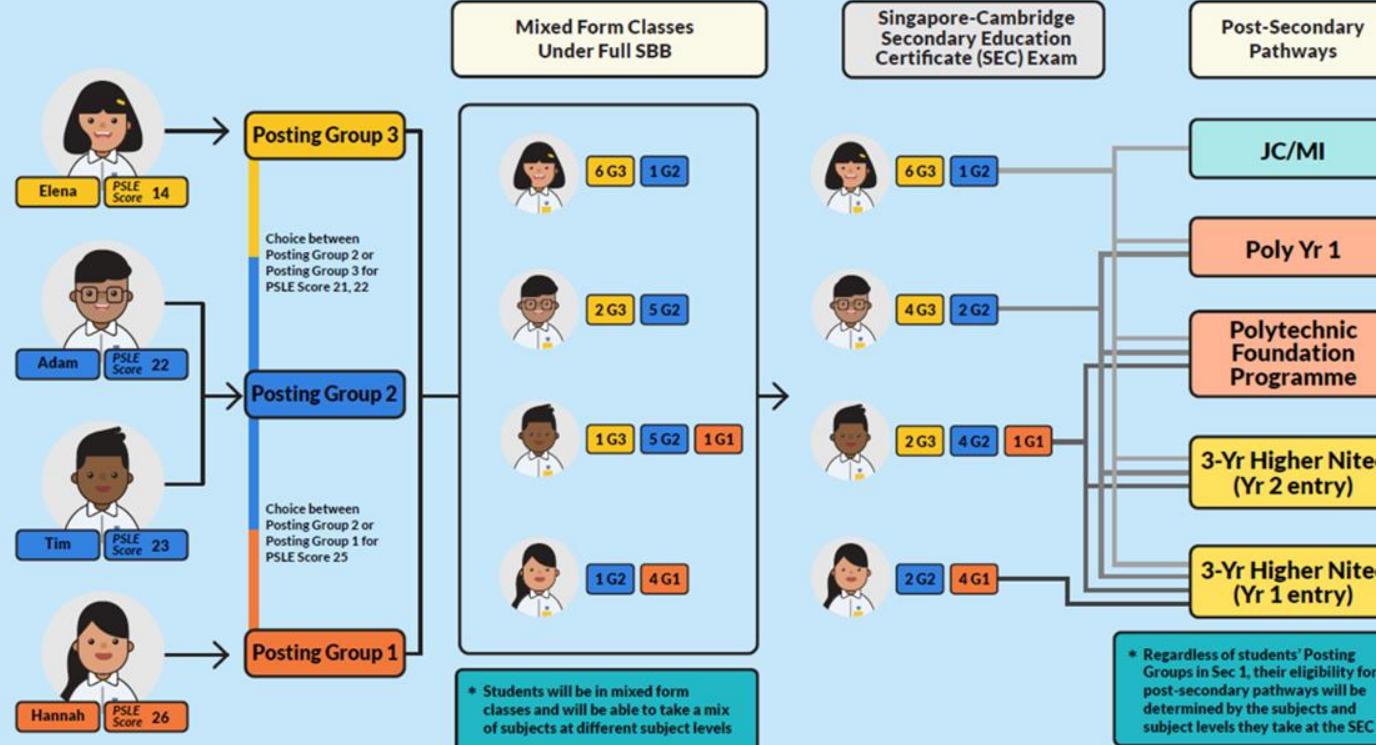
# Secondary school experience under Full SBB

## 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



# Example: Secondary school experience under Full SBB



# 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 (e.g. Additional Mathematics, Art, Design & Technology).

# 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.

5<sup>th</sup> 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.

# Eligibility for 5<sup>th</sup> Year

- 5<sup>th</sup> year of secondary education allows eligible students to pace their learning and possibly offer subjects at a more demanding level to access more post-secondary pathways.
- ELMAB3, computed at G2, is used to determine students' eligibility for the 5<sup>th</sup> year.

<b>Harmonised criteria to access 5<sup>th</sup> year</b>
<p>ELMAB3 ≤ 21<sup>1</sup>  &amp;  Do not qualify for JC/MI/Poly Y1</p> <p>1: ELB3 ≤ 14 or MAB3 ≤ 14 with at least Grade 5 at G2 for all subjects used in computation of aggregate</p>

<b>Student profile</b>	<b>Subject level for subjects taken in 5<sup>th</sup> year</b>
Sec 4 students offering mostly G2 subjects, progressing to 5 <sup>th</sup> year to offer mostly G3 subjects	Can upgrade all subjects to G3 if ELMAB3 ≤ 19
Sec 4 or 5 <sup>th</sup> year students offering mostly G3 subjects	
Sec 4 students offering mostly G2 subjects	Repeat subjects at same subject level

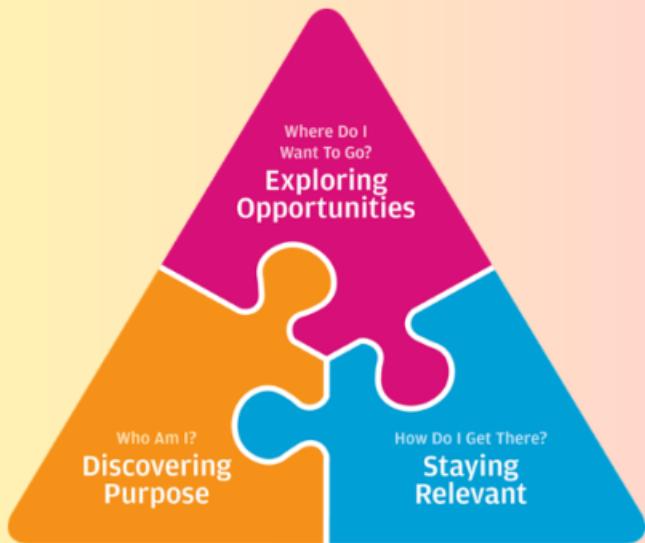
# Supporting Our Children Through Education & Career Guidance



Mr Eugene Loh  
ECG Counsellor

# ECG FRAMEWORK

## What is ECG?



## Education & Career Guidance

ECG helps our children develop a sense of purpose in life.

By nurturing self-awareness and self-directedness for lifelong learning, ECG helps our children develop a growth mindset, adaptability, and a resilient attitude to embrace future opportunities and appreciate the value of all occupations.

1

### Discovering Purpose (Who am I?)

The more you know about yourself, the better your decisions will be

2

### Exploring Opportunities (Where do I want to go?)

Explore the many education and career opportunities open to you

3

### Staying Relevant (How do I get there?)

You can continue to develop yourself by staying adaptable and resilient

# Importance of ECG Guidance



A 2024 OECD longitudinal study highlighted that students whose **career and education plans are aligned** are commonly found to **do better in work** as young adults.

Analysis of PISA data shows that students who engage more strongly in career development activities by the age of 15 can be expected to show lower levels of misalignment.

# Preparing Your Child For the Future: MF Student ECG Journey



## Sec 1

### Start It Right

Transition  
from Pri Sch

## Sec 2

### Refining Yourself

- Explore interests
- **Subject Combination Choice**
- Applied Learning Modules

## Sec 3

### Finding Your Niche

- Careers Fest
- Industrial Visits

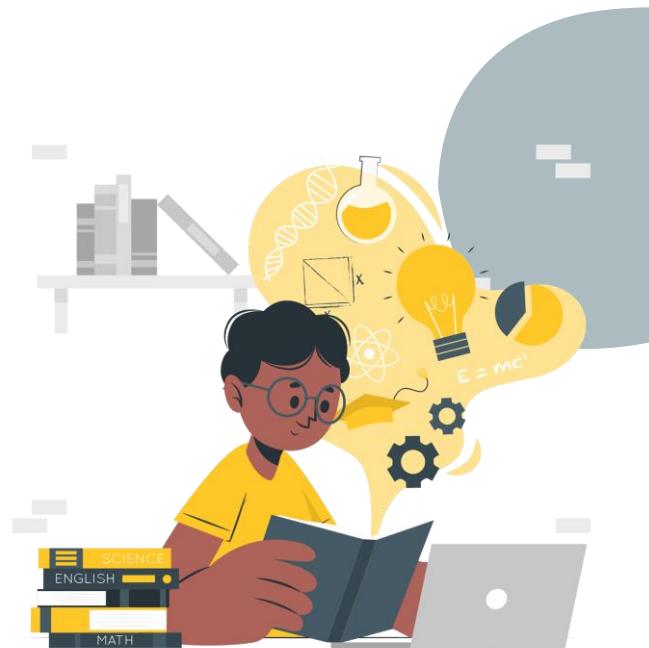
## Sec 4/5

### Leaving a Legacy

- Make informed ECG decision
- DSA/EAE Applications

# Today's Objectives

- Understand your child's **post-secondary pathway options**.
- Understand how **adjusting your child's subject levels** (G1/G2/G3) affects post-sec options



# Overview of Post-Sec Options



## Institute of Technical Education

Higher Nitec  
(2/3 years)

70% practical,  
30% theory  
lessons



## Polytechnic

Diploma  
(3 years)

Skill mastery &  
real-world  
learning



## Junior College/ Millenia Institute

A-Levels  
(2/3 years)

Academically  
oriented,  
intellectually  
rigorous



## Arts/Sports Institutions

Diploma in related  
field (3 years)

Strong interest &  
talent in  
arts/sports

# Subject Level Requirements for Post-Sec Options

		For students taking <u>at least</u> :			
Pathway		4 G1 subjects	5 G2 subjects	4 G3 + 1 G2 subjects	5 G3 subjects
ITE	Higher Nitec	✓	✓	✓	✓
Poly Foundation Programme (PFP)	Progression to Poly Yr 1		✓	NEW ✓	NEW ✓
Poly Yr 1	Diploma			NEW ✓	✓
JC/MI	A Levels				NEW ✓



# Institute of Technical Education (ITE)

## 1 Entry Requirements

- **4 G1 subjects + subject grade requirements**
- Students taking a combination of at least five G3/G2 subjects can apply for direct entry to Year 2 Higher Nitec

## 2 Programme

- 3yr Higher Nitec Certification
- For students with an aptitude for **hands-on learning**
- Learn **technical skills & knowledge** for various industries



**Myth:** Some students think it is easy to get into any ITE course.

**Reality:** Popular ITE courses are difficult to enter... some courses require students to get almost all Grade As for four subjects.

# Subject Level Requirements for Post-Sec Options

		For students taking <u>at least</u> :			
Pathway		4 G1 subjects	5 G2 subjects	4 G3 + 1 G2 subjects	5 G3 subjects
ITE	Higher Nitec	✓	✓	✓	✓
Poly Foundation Programme (PFP)	Progression to Poly Yr 1		✓	✓ 	✓ 
Poly Yr 1	Diploma			✓ 	✓
JC/MI	A Levels				✓ 



# Polytechnic Foundation Programme (PFF)

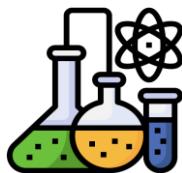
## 1 Entry Requirements

5 G2 subjects (raw EMB3 ≤ 12) + subject grade requirements

## 2 Programme

1yr foundation programme → 3yr Poly Diploma

PFP students will enter one of these clusters:



i) Sciences



ii) Design,  
Engineering,  
Technology



iii) Humanities,  
Arts, Media &  
Business

before posting to a specific diploma course based on their interest and PFP performance.



# Subject Level Requirements for Post-Sec Options

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ITE	Higher Nitec	✓	✓	✓	✓
Poly Foundation Programme (PFP)	Progression to Poly Yr 1		✓	NEW ✓	NEW ✓
Poly Yr 1	Diploma			NEW ✓	✓
JC/MI	A Levels				NEW ✓



# Polytechnic Year I

## 1 Entry Requirements

**4 G3 + 1 G2 subjects  
(net ELR2B2 ≤ 22\*)**

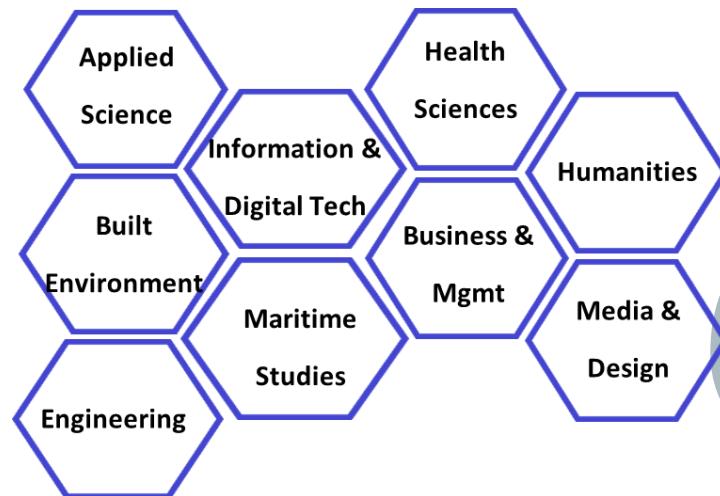
+ subject grade requirements

\*For Nursing, net aggregate cut-off admission will be 24



## 2 Programme

- 3yr Poly Diploma
- Trains student with relevant workforce skills in these clusters:



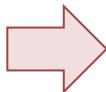
# Polytechnic Year I

## 1 Entry Requirements

**4 G3 + 1 G2 subjects  
(net ELR2B2 ≤ 22\*)**

+ subject grade requirements

\*For Nursing, net aggregate cut-off admission will be 24



One [B] subject can be fulfilled at G2 or G3.  
Remaining subjects must be taken at G3 (e.g. EL, MA...)

Students who offer both [B] subjects at G3 will have their [B] subject with a lower grade mapped from G3 to G2.

Grade Mapping Table (G3 to G2)

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

# Subject Level Requirements for Post-Sec Options

		For students taking <u>at least</u> :			
Pathway		4 G1 subjects	5 G2 subjects	4 G3 + 1 G2 subjects	5 G3 subjects
ITE	Higher Nitec	✓	✓	✓	✓
Poly Foundation Programme (PFP)	Progression to Poly Yr 1		✓	NEW ✓	NEW ✓
Poly Yr 1	Diploma			NEW ✓	✓
JC/MI	A Levels				NEW ✓



# Junior College / Millennia Institute

## 1 Entry Requirements

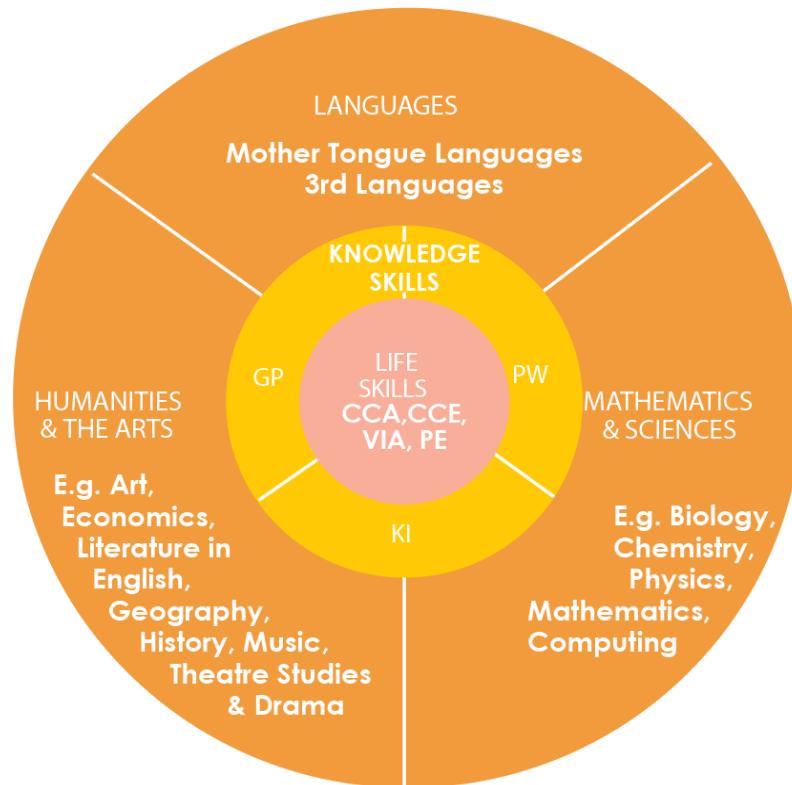
**5 G3 subjects (raw L1R4  $\leq 16$ )**

+ subject grade requirements

## 2 Programme

**GCE A Levels**

(2yr for JC, 3yr for MI)



# Admissions to JC/MI

- From 2028 JC1 cohort, JC admission criteria will be **revised from L1R5 to L1R4**;
  - This allows students to recalibrate curriculum load by offering one fewer subject, and use freed-up time to pursue their interest and strengthen development of 21st Century Competencies e.g. through CCA or school programmes

**1) Qualifying threshold for JC revised to L1R4  
 $\leq 16$  and retained at L1R4  $\leq 20$  for MI**

	<b>Aggregate Scores (computed with G3 subjects)</b>	<b>Qualifying Threshold</b>
Junior College	L1R4	$\leq 16$
Millenia Institute	L1R4	$\leq 20$

**2) Minimum subject grade requirements will remain**

<b>Subject</b>	<b>Grade</b>
English Language	1-6 at G3
Mathematics (Elementary/Additional)	1-7 at G3
Any one Mother Tongue Language	Higher Mother Tongue Language: 1-8 at G3 Mother Tongue Language: 1-7 at G3; 1-5 at G2; A-D at G1

# Admissions to JC/MI

- **JC/MI aggregate score will include Language, Humanities and Mathematics/Science subjects**
  - This ensures that students continue to cope with the academic rigour of the A-Level pathway

<b>JC/MI aggregate score composition</b>	<b>Subjects</b>
First Language ("L1")	English or Higher Mother Tongue
Relevant Subject 1 ("R1")	Best-scoring subject from Humanities
Relevant Subject 2 ("R2")	Best-scoring subject from Mathematics or Science
Relevant Subject 3 ("R3")	Best-scoring subject from Humanities, Mathematics or Science
Relevant Subject 4 ("R4")	Any best-scoring subject except Religious Knowledge

- **Bonus points cap will be lowered from four to three**
  - Students who apply through the Joint Admission Exercise (JAE) and are selected for Language Elective Programme (LEP) continue to be eligible for two bonus points on top of this cap for admission to respective JCs

# Summary

Post-sec Institution	Programme	Eligibility
ITE	3-yr Higher Nitec	<ul style="list-style-type: none"><li>Students apply for Yr 1 ITE admission using 4 G1 subjects</li><li>Students taking a combination of G3 and G2 subjects can apply for direct entry into Yr 2 of Higher Nitec</li></ul>
Polytechnic	Poly Foundation Programme (PFP)	<ul style="list-style-type: none"><li>Students apply for PFP using 5 G2 subjects (EL, MA &amp; 3 Best subjects)</li><li>Students who take G3 subjects will have their G3 grade mapped to G2 level, based on the conversion table.</li><li>Students who successfully complete this programme progress to Poly Yr 1</li></ul>
	Diploma	<ul style="list-style-type: none"><li>Students apply for Poly Yr 1 Admission using a basket of 4 G3 &amp; 1 G2 subject</li><li>EL, 2 Relevant subjects &amp; 1 Best subject must be taken at G3 level.</li><li>Students who take all G3 subjects will have their last Best subject mapped to G2 level, based on the conversion table.</li></ul>
JC/MI	A-Levels	<ul style="list-style-type: none"><li>Students apply to JC/MI using a basket of 5 G3 subjects</li></ul>

# Subject Level Requirements for Post-Sec Options

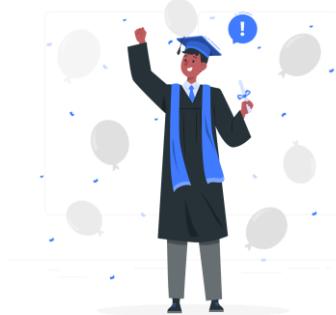
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ITE	Higher Nitec	✓	✓	✓	✓
Poly Foundation Programme (PFP)	Progression to Poly Yr 1		✓	NEW ✓	NEW ✓
Poly Yr 1	Diploma			NEW ✓	✓
JC/MI	A Levels				NEW ✓



With SBB, students have access to opportunities throughout sec sch to develop their talents & potential.

- **More** post-sec options are available with **higher subject levels**.
- Students with a mix of subject levels can benefit from **grade mapping**.

*(e.g. students taking G3 subjects can access PFP by mapping their G3 grade to the G2 equivalent)*



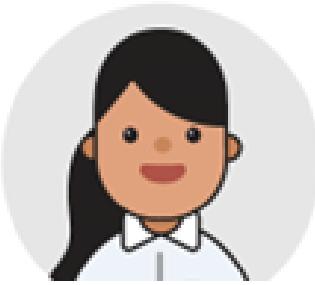
# Revised Downward Grade Mapping

- Students can use grade mapping to aggregate scores across subjects offered at different subject levels for post-secondary progression

<b><u>Downward grade mapping table from G3 to G2</u></b>	
<b>G3</b>	<b>G2</b>
A1-B3	1
B4-C6	2
D7	3
E8	4
9	5
	6

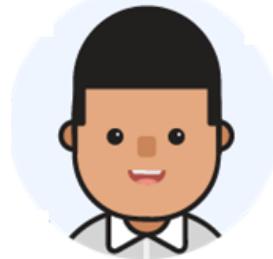
<b><u>Downward grade mapping table from G2 to G1</u></b>	
<b>G2</b>	<b>G1</b>
1	A
2	A
3	A
4	B
5	C
6	D
	E

# Case Studies



Hannah

Starts Sec 1 with mainly  
**G1 Subjects**



Adam

Starts Sec 1 with mainly  
**G2 Subjects**

## Strengths and interests

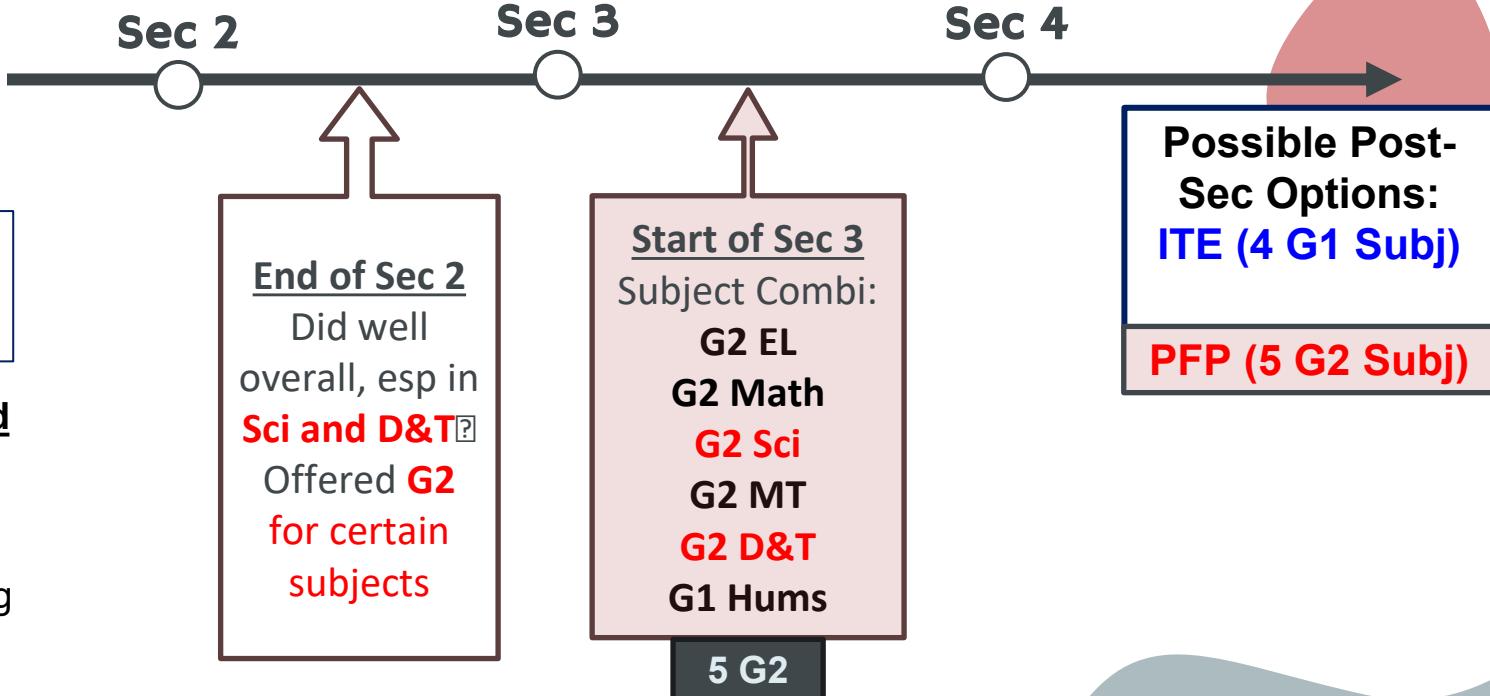
- Good at fixing and tinkering
- Enjoys playing with building blocks.

## Strengths and interests

- Enjoys learning about physical landforms in Geography lessons
- Likes to do Science experiments



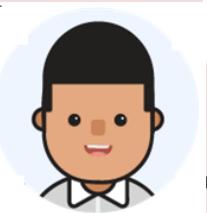
# Case Study: Story of Hannah



## Strengths and interests

- Good at fixing and tinkering
- Enjoys playing with building blocks.

# Case Study: Story of Adam



Sec 2

Sec 3

Sec 4

Adam

Starts Sec 1  
with mainly  
**G2 Subjects**

## Strengths and interests

- Enjoys Geography lessons
- Likes to do Science experiments

End of Sec 2  
Did well overall, esp in **Hums & Sci?**  
Offered **G3** for certain subjects

Start of Sec 3  
Subject Combi:  
**G3 EL**  
**G3 Math**  
**G3 Chem**  
**G3 Phy**  
**G3 Hums**  
**G2 MT**

5 G3

## Possible Post-Sec Options:

**ITE (4 G1 Subj)**  
**PFP (5 G2 Subj)**

**Poly Yr 1 (4 G3 + 1 G2 Subj)**  
**JC (5 G3 Subj)**



# Some Useful Websites:

## MOE FSBB Microsite

- Find out more about full subject based banding  
<https://go.gov.sg/moe-fsbb>



## ECG Tips for Parents

- Some tips through which you can support your children as they discover and pursue their education and career aspirations.
- <https://go.gov.sg/tips-for-parents>



## MOE CourseFinder

- Explore courses based on aggregate type, score, type of institute and area of interest.
- <https://www.moe.gov.sg/coursefinder>



## MOE SchoolFinder

- Explore schools based on their distance from your home, locations, CCAs, subjects and programmes offered.
- <https://www.moe.gov.sg/schoolfinder>



Continue your  
ECG journey by  
making an  
appointment to  
chat with your  
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Start your Education  
and Career journey now!

Chat with your

# ECG COUNSELLOR



MR EUGENE LOH

Wed, Thu  
8AM - 5PM, Library

Scan QR Code for  
appointment booking

Or email  
[loh\\_jun\\_lai\\_eugene@schools.gov.sg](mailto:loh_jun_lai_eugene@schools.gov.sg)



## **Sec 2 to Sec 3 Progression**

Common Academic Requirement

- (a) Pass in EL and 2 other subjects OR
- (b) Pass at least half the total number of examinable subjects offered

The school has the discretion to adjust the Curricular Load of students.

# **Subjects offered at Mayflower for Sec 3 2026**

We look at 2 aspects

- **Subjects**
  - There is a choice of selection for some core subjects  
e.g. Science and Humanities
- **Demand level**
  - Determined by the school
  - If your child performs well enough, he/she may be offered to take the subject at MDL, similar to Sec 1

# Subjects offered at Mayflower for Sec 3 2026

Compulsory Subject 1	Compulsory Subject 2	Compulsory Subject 3	Compulsory Subject 4	Compulsory Subject 5	Compulsory Subject 6	Compulsory Subject 7
G1 English	G1 Mathematics	G1 Mother Tongue	G1 Science	G1 Humanities**	G1 EBS	G1 Computing
G2 English	G2 Mathematics	G2 Mother Tongue	G2 Science [Chem/Bio]	G2 Humanities [SS/Geog]	G1 D&T	G3 Art
G3 English	G3 Mathematics	G3 Mother Tongue	G2 Science [Chem/Phy]	G2 Humanities [SS/Hist]	G1 Art	G3 D&T
		G3 Higher MT	G3 Science [Chem/Bio]	G3 Humanities [SS/Geog]	G2 Art	G3 NFS
			G3 Science [Chem/Phy]	G3 Humanities [SS/Hist]	G2 D&T	G3 Principle of Accounts
			G3 Chemistry	G3 Humanities [SS/Lit]	G2 NFS	G3 Physics
					G2 Principle of Accounts	G3 Biology
					G2 Additional Mathematics	
					G3 Additional Mathematics	
					G3 Principle of Accounts	

*\*\* non-examinable*

These are the subjects offered and NOT the subject combination.

These are tentative offerings. And actual opening of some subjects depends on demand.

Theatrette			Computer Lab 2	
<b>2:30</b>	Setting context (AIA)		<b>2:30</b>	Setting context (AIA)
<b>2:40-2:55</b>	Science talks	G2 & G3	<b>2:40 – 2:55</b>	C&T (Art and D&T)
<b>2:55-3:10</b>	Humanities	G2 & G3	<b>2:55 – 3:05</b>	EBS Talks
<b>3:10-3:15</b>	POA	G2 & G3	<b>3:05 – 3:30</b>	ECG hands-on activity
<b>3:15-3:30</b>	C&T talks	G2 & G3		

# Mayflower Proposed Subject Combinations for 2026

	Subject 1	Subject 2	Subject 3	Subject 4	Subject 5	Subject 6	Subject 7
Option 1	English G3	Math G3	MTL	Chem G3	Hum G3	Amath G3	Phy G3
Option 2	English G3	Math G3	MTL	Chem G3	Hum G3	Amath G3	Bio G3

- All subjects will be offered at G3 Level, except MTL. Students may be offered to do MTL at G2 or G1.
- Both Options would enable students to take up any post-secondary route as min of **5 G3 subjects is met**. These options are **strongly encouraged, especially if students would like to consider Sci courses in the JC/MI**.

# Mayflower Proposed Subject Combinations for 2026

	Subject 1	Subject 2	Subject 3	Subject 4	Subject 5	Subject 6	Subject 7
Option 3	English G3	Math G3	MTL	Combined Sci G3	Hum G3	Amath G3	POA G3
Option 4	English G3	Math G3	MTL	Combined Sci G3	Hum G3	Amath G3	NFS/D&T/Art G3
Option 5	English G3	Math G3	MTL	Combined Sci G3	Hum G3	POA G3	NFS/D&T/Art G3

- All subjects will be offered at G3 Level, except MTL. Students may be offered to do MTL at G2 or G1.
- All options would enable students to take up any post-secondary route as min of **5 G3 subjects is met.**

# Mayflower Proposed Subject Combinations for 2026

	Subject 1	Subject 2	Subject 3	Subject 4	Subject 5	Subject 6
Option 6	English G2	Math G2	MTL	Combined Sci G2	Hum G2	A Math G2
Option 7	English G2	Math G2	MTL	Combined Sci G2	Hum G2	POA G2
Option 8	English G2	Math G2	MTL	Combined Sci G2	Hum G2	Art /NFS / D&T G2

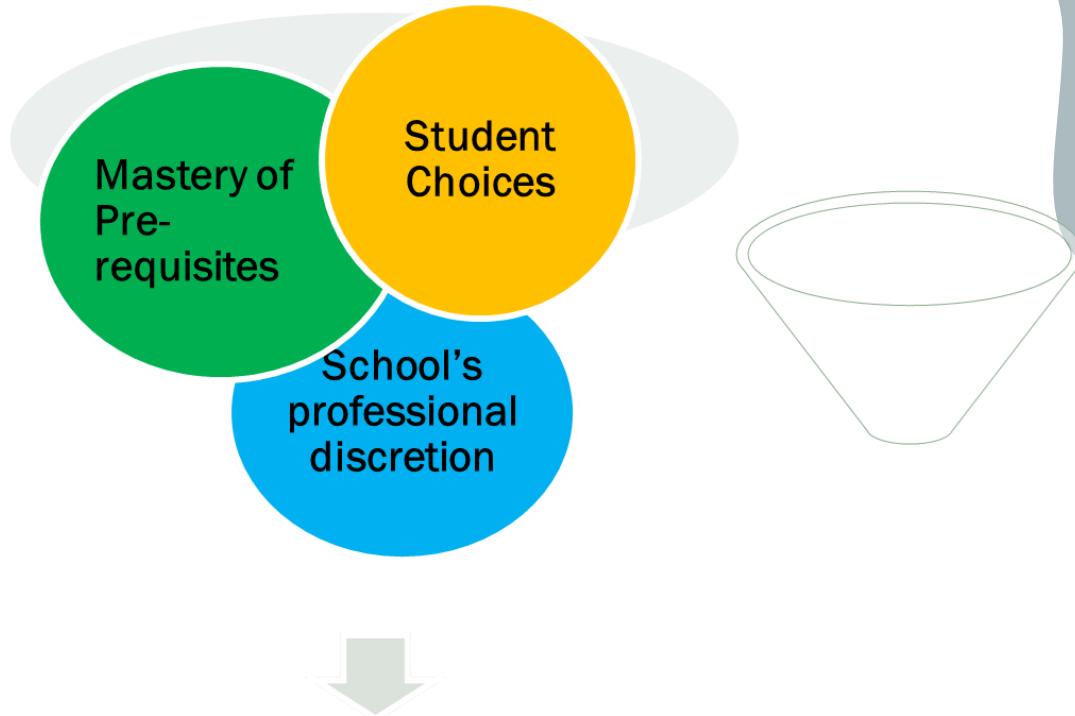
- All subjects will be offered at G2 Level, except MTL. Students may be offered to do MTL at G1 or G3.
- All options would enable students to pursue at least a PFP or Sec 5 as their post-secondary route as minimum of **5 G2 subjects is met.**

# Mayflower Proposed Subject Combinations for 2026

	Subject 1	Subject 2	Subject 3	Subject 4	Subject 5	Subject 6	Non-Exam
Option 9	English G1	Math G1	MTL	Science G1	Computing G1	Art / D&T G1	SS/HEM
Option 10	English G1	Math G1	MTL	Science G1	Computing G1	EBS G1	SS/HEM

- All subjects will be offered at G1, except MTL. Students may be offered to do MTL at G2 or G3.
- Options will enable students to continue at ITE as minimum of **4 G1 subjects is met.**

# How we will offer your child the subjects?



Subject Allocation

**THANK YOU**