

# Educational Pathways

**Sec 3 Parent-Teacher Conference**



**A PRESENTATION BY  
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# Post-Secondary Pathways (from 2028)

Students taking at least	POST-SEC PATHWAYS							
	3-Year Higher Nitec	2-Year Higher Nitec	NAFA Foundation Programme (NFP)	Arts Institutions	Polytechnic Foundation Programme (PFP)	Polytechnic Year 1	Millennia Institute	Junior College
5 G3 subjects	✓	✓	NEW ✓	✓	NEW ✓	✓	✓	NEW ✓
4 G3 + 1 G2 subjects	✓	✓	NEW ✓	NEW ✓	NEW ✓	NEW ✓		
5 G2 subjects	✓	✓	✓		✓			
4 G1 subjects	✓	NEW* ✓						

\*Students who offer 4 G1 subjects will join Year 1 of Higher Nitec, and may be offered the accelerated pathway if they meet academic requirements during their Year 1 Semester 1 examinations. This pathway will allow them to attain a Higher Nitec in a shorter duration of about two years.

# Post-Secondary Pathways (from 2028)

Students taking at least	Millennia Institute	Junior College
5 <b>G3</b> subjects	✓	NEW ✓
4 <b>G3</b> + 1 <b>G2</b> subjects		
5 <b>G2</b> subjects		
4 <b>G1</b> subjects		

## Millennia Institute (MI)

**\*3 – year A Level course**

- Based on **5 G3 subjects**
- **$E1R4 \leq 20$**

## Junior College (JC)

**\*2 – year A Level course**

- Based on **5 G3 subjects**
- **$E1R4 \leq 16$**

# Post-Secondary Pathways (from 2028)

## Millennia Institute

**\*3 – year course**

- **E1R4 ≤ 20**

## Junior College

**\*2 – year course**

- **E1R4 ≤ 16**

L1	English or Higher Mother Tongue
R1	<b>Relevant</b> Any 1 best-scoring subject from Humanities
R2	<b>Relevant</b> Any 1 best-scoring subject from Mathematics or Science
R3	<b>Relevant</b> Any 1 best-scoring subject from Humanities, Mathematics or Science
R4	Any 1 best-scoring subject

# Post-Secondary Pathways (from 2028)

## Subject Specific Requirements for JC / MI

Subject	Grade
English Language	1 to 6 at G3 level
Mathematics (Elementary / Additional)	1 to 7 at G3 level
Any one Mother Tongue Language	<ul style="list-style-type: none"><li>• Higher Mother Tongue Language<ul style="list-style-type: none"><li>➤ 1 – 8 at G3</li></ul></li><li>• Mother Tongue Language<ul style="list-style-type: none"><li>➤ 1 – 7 at G3</li><li>➤ 1– 5 at G2</li><li>➤ A – D at G1</li></ul></li></ul>

# Post-Secondary Pathways (from 2028)




Students taking at least	Polytechnic Foundation Programme (PFP)
5 G3 subjects	NEW ✓
4 G3 + 1 G2 subjects	NEW ✓
5 G2 subjects	✓
4 G1 subjects	

## Polytechnic Foundation Programme (PFP)

- Based on **5 G2 subjects**
- **ELMAB3 ≤ 12**

G2 subjects	New grade requirement
English Language	3
Mathematics	3
Relevant Subject	3
Two "Best" Subjects	4

# Post-Secondary Pathways (from 2028)

Students taking at least	Polytechnic Foundation Programme (PFP)
5 G3 subjects	
4 G3 + 1 G2 subjects	
5 G2 subjects	
4 G1 subjects	




## Polytechnic Foundation Programme (PFP)

- Based on 5 G2 subjects
- ELMAB3 ≤ 12

### Note:

- Students with G3 subjects, their G3 grade will be mapped at G2 level.

# Post-Secondary Pathways (from 2028)

Students taking at least	Polytechnic Foundation Programme (PFP)
5 <b>G3</b> subjects	<b>NEW</b> 
4 <b>G3</b> + 1 <b>G2</b> subjects	<b>NEW</b> 
5 <b>G2</b> subjects	
4 <b>G1</b> subjects	

## Polytechnic Foundation Programme (PFP)

### Grade Mapping Table from G3 to G2

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

# Post-Secondary Pathways (from 2028)

Students taking at least	Polytechnic Year 1
5 G3 subjects	✓
4 G3 + 1 G2 subjects	NEW ✓
5 G2 subjects	
4 G1 subjects	

## Polytechnic Year 1

- Based on 4 G3 + 1 G2 subjects
- **EL1****R2****B2** ≤ 22
  - **EL1** : English Language must be at G3 Level
  - **R2** : 2 relevant G3 subjects
  - **B2** : 1 best G3 subject AND 1 best G3 or G2 subject

### Note:

Students who offer both best subjects at G3 will have the best subject with a lower grade mapped from G3 to G2.

# Example

James is taking all the subjects at G3 level.

- He wants to go polytechnic to pursue cybersecurity and digital forensics.
- The criteria for the course is as follow:



EL1	R1	R2	B2
English Language	Mathematics	Food & Nutrition Science <b>OR</b> Pure Science <b>OR</b> Combined Science	Best 2 other subjects

# Example

Secondary Education Certificate (SEC) Examination 2027			
subject		level	grade
English Language	EL 1	G3	B4
Chinese Language		G3	C5
Elementary Mathematics	R1	G3	A2
Science (Physics / Chemistry)	R2	G3	B3
Combined Humanities (Social Studies / History)		G3	A1
Food and Nutrition Science	R2	G3	B4

EL1 R2 B2 computation :

EL1	R1	R2	B2
B4	A2	B3	A1 + B4

# Example

EL1 R2 B2 computation :

EL1	R1	R2	B2
B4	A2	B3	A1 + B4

- B4 is the lower grade for the best G3 subject, so it will be mapped from G3 to G2.
- **G3 Grade B4** will be mapped G2 Grade 2.
- Thus James will score

$$4 + 2 + 3 + 1 + 2 = \underline{12 \text{ points}}$$

'new' G2 grade

# Post-Secondary Pathways (from 2028)

Students taking at least		
	3-Year Higher Nitec	2-Year Higher Nitec
5 G3 subjects	✓	✓
4 G3 + 1 G2 subjects	✓	✓
5 G2 subjects	✓	✓
4 G1 subjects	✓	NEW* ✓

## 2-Year Higher Nitec

- Based on 5 G2 subjects
- EL1R2B2 ≤ 19

### Note:

- Students with G1 subjects will only enter 3-Year Higher Nitec.
- Those who performed academically strongly in Year 1 Sem 1 will be placed on accelerated pathway to do 2-Year Higher Nitec.

# Post-Secondary Pathways (from 2028)

Students taking at least	3-Year Higher Nitec
5 <b>G3</b> subjects	✓
4 <b>G3</b> + 1 <b>G2</b> subjects subject	✓
5 <b>G2</b> subjects	✓
4 <b>G1</b> subjects	✓

## 3-Year Higher Nitec

- Based on 4 G1 subjects

### Note:

Students who offer subjects at G2 or G3 will have the subject grade mapped from G2 / G3 to G1.

# Post-Secondary Pathways (from 2028)

3-Year  
Higher  
Nitec

Students taking  
at least

**5 G3**  
subjects



**4 G3 + 1 G2**  
subjects subject



**5 G2**  
subjects



**4 G1**  
subjects



## 3-Year Higher Nitec

### Grade Mapping Table

ITE  
Aggregate  
Score

**G3**

**G2**

**G1**

A1 - B3

1

A

B4 - C6

2

A

1

D7

3

A

E8

4

B

2

9

5

C

3

-

6

D

4

-

-

E

5

# Example

Alice is taking the subjects at both G2 and G1 levels.

Secondary Education Certificate (SEC) Examination 2027		
subject	level	grade
English Language	G1	B
Malay Language	G2	3
Mathematics	G1	B
Science	G2	4
Computing	G1	C
Music	G1	C



G1 grade = A



G1 grade = B



# Example

Secondary Education Certificate (SEC) Examination 2027		
subject	level	grade
✓ English Language	G1	B
✓ Malay Language	G2	3
✓ Mathematics	G1	B
✓ Science	G2	4
Computing	G1	C
Music	G1	C

Grade Mapping Table		ITE Aggregate Score
G2	G1	
1	A	1
2	A	
3	A	
4	B	2
5	C	3
6	D	4
-	E	5

ITE aggregate Points (based on 4 best subjects) = 2 (EL) + 1 (ML) + 2 (MA) + 2 (SC)  
= 7

A group of five school students, three girls and two boys, are standing on a green lawn. They are all wearing dark blue school uniforms with red ties. The background features a modern building with a colorful mural and palm trees. The text "Thank You" is overlaid in the center of the image.

Thank You

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