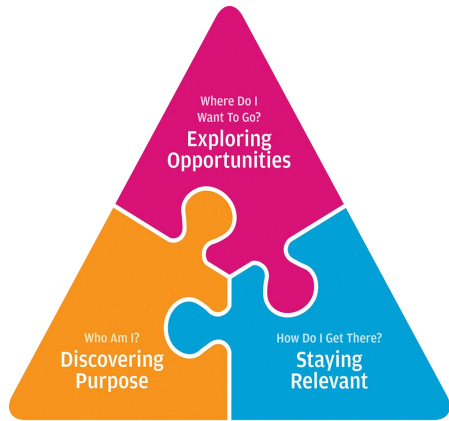




Education & Career Guidance



ECG Sec 3 Subject Combination Briefing for Parents

Mohammed Syahril
ECG Counsellor



Content:

1. Post Secondary Pathways for FSBB Students

2. ECG Resources

3. Q&A

ECG Journey in Secondary Schools

Sec 4/5

- National Exams
- Alignment of career interest with post-secondary courses.

Sec 3

- Deepen career exploration through experiential learning
- Adjustment to new subjects, class and CCA leadership roles

Sec 2

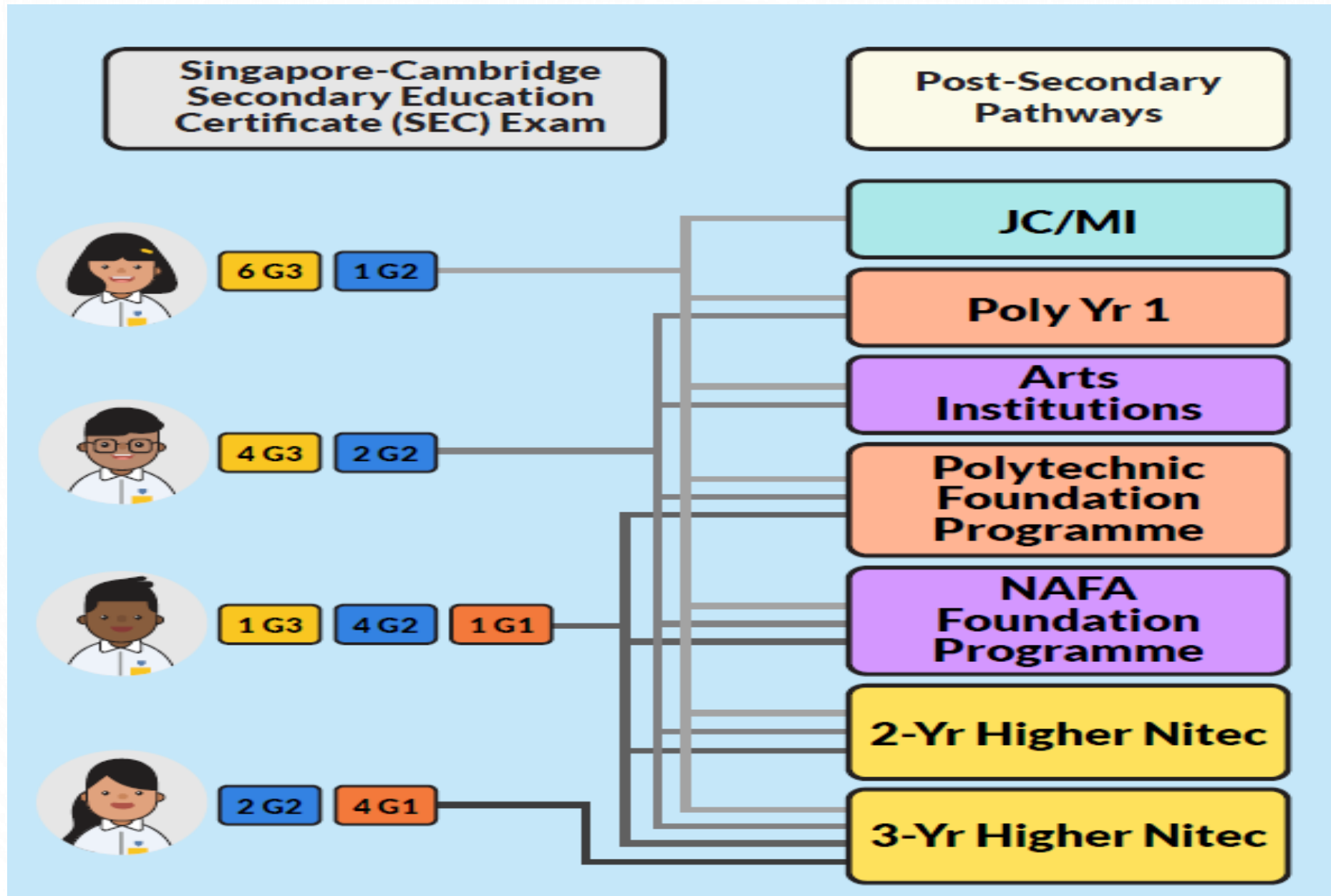
- Exploration of career interests
- Choosing my subject combination for upper secondary

Sec 1

- Transitioning to a new school environment
- Introduction to different career sectors

https://www.youtube.com/watch?v=y_kSx4yIR4g

Post Secondary pathways under Full SBB



Singapore-Cambridge Secondary Education Certificate (SEC)

- From 2027, students will receive **one certificate** which will show the subjects at their respective levels that they have taken, e.g. G3 English Language, G2 Chinese Language.
- English and Mother Tongue Languages' written examinations will be in **September** (~1 month ahead of other subjects).
- There is only **one sitting** for your Mother Tongue Language written examination.
- The written examinations for the rest of your subjects will be conducted from **October to November**.
- The other non-written components, e.g., oral, listening comprehension, practical exams, will be conducted before the start of the written examinations. You can refer to the examination timetable on SEAB's website at www.seab.gov.sg in early March.
- You will obtain your SEC examination results in **January** of the following year.



Singapore-Cambridge Secondary Education Certificate (SEC)

- This is how the SEC certificate would look like.





MINISTRY OF EDUCATION
REPUBLIC OF SINGAPORE



CAMBRIDGE
International Education

SINGAPORE-CAMBRIDGE SECONDARY EDUCATION CERTIFICATE

This certifies that the candidate named below sat the Singapore-Cambridge Secondary Education Certificate Examination conducted by the Ministry of Education, Singapore, the Cambridge International Education and the Singapore Examinations and Assessment Board and obtained the following results:

YEAR OF EXAM
CANDIDATE

2027
(CANDIDATE NAME in hanyu pinyin if applicable)

NRIC/FOREIGN IDENTIFICATION NO.
SCHOOL
INDEX NO.

T1122233G
ABC SECONDARY SCHOOL
15670012

SUBJECT	LEVEL	GRADE	EXAMINING AUTHORITY
ENGLISH LANGUAGE	G3	C FIVE	CAMBRIDGE
MATHEMATICS	G3	A TWO	CAMBRIDGE
CHINESE LANGUAGE	G3	B FOUR	SINGAPORE
CHINESE LANGUAGE (ORAL/AURAL)	G3	MERIT	SINGAPORE
HUMANITIES (SS, GEOGRAPHY)	G3	A ONE	CAMBRIDGE
ADDITIONAL MATHEMATICS	G3	A TWO	CAMBRIDGE
SCIENCE (PHYSICS, CHEMISTRY)	G2	THREE	CAMBRIDGE
ART	G2	ONE	CAMBRIDGE



Director-General of Education
Singapore



Vice-Chancellor
University of Cambridge

429674 /2027
(see overleaf)

Overview of Post-Secondary Pathways

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

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 3-Year 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.



Changes to JC Year 1 Admissions

Revised subject requirements for JC admission from 2028



L1R5 → **L1R4**
≤ 20 ≤ 16

Component	Subjects	Current L1R5	From 2028 L1R4
L1	English or higher mother tongue language	✓	✓
R1	Any 1 best-scoring subject from Humanities	✓	✓
R2	Any 1 best-scoring subject from Mathematics or Science	✓	✓
R3	Any 1 best-scoring subject from Humanities, Mathematics or Science	✓	✓
R4	Any 1 best-scoring subject	✓	✓
R5	Any 1 best-scoring subject	✓	—
Qualifying threshold for JC eligibility		20	16

Revised bonus point system for JC admissions from 2028



Maximum bonus points will be lowered from 4 to 3

Type of bonus points	Points	Current L1R5	From 2028 L1R4
CCA grade	Excellent: 2	Maximum 4 bonus points from any combination	Maximum 3 bonus points from any combination
	Good: 1		
English and higher mother tongue language grade <i>A1 to C6 for both subjects</i>	2		
Chinese/Malay (Special Programme) or Bahasa Indonesia grade <i>A1 to C6</i>	2		
Affiliated JC	2		
Chinese, Malay or Tamil language elective programme	2	Additional 2 bonus points <i>(not included in bonus points cap)</i>	



Changes to Polytechnic Admissions

Admissions to Polytechnic Year 1

- From 2028, one 'Best' [B] subject can be fulfilled at **G2 or G3** as part of the ELR2B2 aggregate score for admission to Polytechnic Year 1
 - Students who offer both [B] subjects at G3 will have the [B] subject with a lower grade mapped from G3 to G2 based on a grade mapping table.
 - Correspondingly, the net aggregate cut-off will be adjusted from **26 points to 22 points**.
 - G3/O-Level grade 9 and G2/N(A)-Level grade 5 and 6 cannot be used for ELR2B2 aggregate score computation

ELR2B2	
Subjects	Subject Level
English Language (EL)	G3
2 Relevant subjects (R2)	
One of the [B] subjects	
2 nd [B] subject	G2 (G3 subjects to be mapped to G2 grade)

Grade Mapping Table from G3 to G2	
G3	G2
A1, A2, B3	1
B4, C5, C6	2
D7	3
E8	4
9	5
-	6

Admissions to Polytechnic Foundation Programme (PFP)

- Students offering G3 subjects, or **a mix of G2 and G3 subjects** will be allowed to access PFP
- Minimum Entry Requirements will be aligned across the PFP clusters
 - English Language requirement relaxed to Grade 3 (G2) for all clusters;
 - No change in requirement for Mathematics and "Relevant" and "Best" subject requirements
 - No change in requirement of ELMAB3 raw aggregate score of ≤ 12 points (based on G2)
- G3 grades will be mapped downwards for admission to PFP
- G3/O-Level **grade 9 and G2/N(A)-Level grade 5 and 6 cannot be used** for ELMAB3

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

Grade Mapping Table from G3 to G2	
G3	G2
A1, A2, B3	1
B4, C5, C6	2
D7	3
E8	4

Admissions to Polytechnic Foundation Programme (PFP)

- Admissions has been restructured to a cluster-based approach
- Students will enter one of the following three key broad clusters. At the end of the PFP year, students will then apply to a specific diploma course within the cluster, and posting will be based on their PFP performance and course choice:
 - **Sciences**
 - **Humanities, Art, Media and Business**
 - **Design, Engineering & Technology** (*NYP and TP offer two sub-clusters: (i) Design and (ii) Engineering & Technology*)
- Students seeking admission to Nursing, Tamil Studies in Early Education and Early Childhood Development & Education courses can be admitted via the broad clusters or continue to be admitted directly to these specific diplomas in their PFP, as these courses are more specialised



Changes to ITE Admissions and Pathways

ITE Curricular Structure

- ITE has transited all its *Nitec* courses to the enhanced **three-year** curricular structure leading directly to a *Higher Nitec* certification[^]
- Under the enhanced curricular structure, the *Nitec* and *Higher Nitec* curricula has been streamlined by removing overlapping competencies between related *Nitec* and *Higher Nitec* courses
 - In Year 1, students will undertake broad-based foundation courses exposing them to fundamental skills needed for the relevant industry sector
 - In Years 2 and 3, they will take more specialised modules, leading to a *Higher Nitec* certification
 - Students are also exposed to two industry attachments (IA): a three-month IA in Year 2 and a six-month IA in Year 3, with the latter building on the learning outcomes and workplace competencies of the former

[^] **3-year *Higher Nitec* in Early Childhood Education (from the current 2-year *Higher Nitec* only) will be introduced from AY2028**

Admissions to ITE 3-Year *Higher Nitec*

- From AY2028 ITE intake, admissions requirements for entry to **3-year *Higher Nitec*** courses will be set at G1
- ITE aggregate score will be computed based on four G1 subjects
- G3 and G2 grades will be mapped to G1 based on the grade mapping table
- G1 grade E, G2 grade 6 and G3 grade 9 can be used for aggregate computation, but cannot be used for fulfilment of the subject-specific minimum entry requirements.

Grade mapping table (G3 to G2 to G1)			ITE Aggregate score
G3	G2	G1	
A1-B3	1	A	1
B4-C6	2	A	
D7	3	A	
E8	4	B	2
9	5	C	3
-	6	D	4
-	-	E	5

Admissions to ITE 3-Year *Higher Nitec*

- ITE aggregate score will be computed based on four G1 equivalent subjects, and students must also meet the minimum entry requirements (MERs) of the course they are applying for

Aggregate type	3-Year <i>Higher Nitec</i> courses	MERs (set at G1 equivalent) [Note: There may also be specific grade requirements for some courses]
R2B2 (ELMAB2)	Courses requiring English Language and Mathematics as prerequisites	3 Passes in English Language, Mathematics & 1 other subject
R1B3-A (MAB3)	Courses requiring Mathematics as a prerequisite	3 Passes in Mathematics & 2 other subjects
R1B3-B (MA/SB3)	Courses requiring Mathematics or Science as a prerequisite	3 Passes in Mathematics or Science & 2 other subjects
R1B3-C (ELB3)	Courses requiring English Language as a prerequisite	3 Passes in English Language & 2 other subjects
B4	Courses with no specific subject prerequisites	Completed SEC

- G1 grade E, G2 grade 6 and G3 grade 9 can be used for aggregate computation but cannot be used for fulfilment of the subject-specific MERs.

Admissions to ITE 2-Year *Higher Nitec*

- From AY2028 ITE intake, admission requirements for direct entry into **2-Year Higher Nitec** courses **(previously called DPP)** will be set at G2
- Student must obtain a gross ELMAB3 aggregate of 19 points or better, based on G2 grades
- Students with G2 subjects, a mix of G2 and G3, or G3 subjects will be able to apply for **2-Year Higher Nitec**. G3 grades will be mapped to G2-based on the grade mapping table
- G2 Grade 6 and G3 Grade 9 can be used for aggregate computation, but cannot be used for fulfilment of the subject-specific entry requirements

Grade Mapping Table from G3 to G2	
G3	G2
A1, A2, B3	1
B4, C5, C6	2
D7	3
E8	4
9	5
-	6

Admissions to ITE 2-Year *Higher Nitec*

- Student must obtain an ELMAB3 gross aggregate of 19 points or better, based on G2 equivalent grades and meet the corresponding minimum entry requirements (MERs) of the course they are applying for

Aggregate type	2-Year <i>Higher Nitec</i> courses	MERs (set at G2 equivalent)
ELMAB3	Courses in Technology & Engineering	Grade 1- 4 in English Language Grade 1-4 in Mathematics Grade 1-5 in the 3 other subjects
	Courses in Business & Services	Grade 1- 3 in English Language Grade 1-4 in Mathematics Grade 1-5 in the 3 other subjects

Post-Secondary Admissions Exercise (PSE)

- Starting from 2028, the **Post-Secondary Admissions Exercise (PSE)** enables Secondary 4 and 5 graduating cohort who have sat for SEC examinations (at G1, G2 or G3 level) to apply for post-secondary courses after receiving their results in January.
- To apply, simply log in to the **Post-Sec Portal** using your **Singpass** to the one-stop portal.
- Based on your SEC results, you can apply for eligible courses in:
 - Junior colleges (JC)
 - Millennia Institute (MI)
 - Polytechnic Diploma Year 1
 - Polytechnic Foundation Programme (PFP)
 - ITE 2-Year *Higher Nitec*
 - ITE 3-Year *Higher Nitec*
- If you are eligible for and interested to pursue the 5th year of secondary education, you will apply directly through your secondary school.



Sec 3 Subject Combination Exercise



Choosing your tertiary
courses at the end of
secondary school



Pursuing a career
which relates to
your interest,
aspiration and skills



Your current academic
performance



Subject
Combination
Exercise



Pasir Ris Secondary School - Sec 3 G1 Subject Combination for 2027

Option	1	2	3	4	5	6
A	English Language	Mother Tongue	Mathematics	Science	G1 Computing	Design & Technology or Music or Elements of Business Studies (EBS)

Pasir Ris Secondary School - Sec 3 G2 Subject Combination for 2027

Option	1	2	3	4	5	6
B	English Language	Mother Tongue/ Higher Mother Tongue	Mathematics	Social Studies + Elective Geography or Elective History	Science (Physics / Chemistry)	ART or D&T or Principles Of Accounts or Additional Mathematics

Pasir Ris Secondary School - Sec 3 G3 Subject Combinations for 2027

Option	1	2	3	4	5	6	7
D All G3 exp MT	English Language	Mother Tongue/ Higher Mother Tongue	Mathematics	Social Studies + Elective Geography or Elective History	CHEMISTRY	Additional Mathematics	PHYSICS or BIOLOGY
C	English Language	Mother Tongue/ Higher Mother Tongue	Mathematics	Social Studies + Elective Geography or Elective History	Science (Physics / Chemistry) or Science (Biology / Chemistry)	ART or D&T or Principle Of Accounts or Additional Mathematics	

Explore the post-secondary options for Elective Subjects

Elective Subjects	Post Secondary Pathways
Additional Mathematics	Prerequisite for H2 Math in JC Knowledge in Add Math will provide students the opportunity to apply for various courses in Polytechnic The rigour of the subject will help students better cope and do well in the O level Mathematics subject which is an essential subject requirement for entry to JC and Poly courses Exemption from the Add Math bridging module for a Term in Polytechnics.
Principles of Accounts (POA)	POA lays the foundation for business course. Degree level courses in accountancy (POA is not an entry requirement, but POA lays a good foundation). Rewarding career as • management or financial accountant, finance manager, CFO (Chief Financial Officer), CIO (Chief Investment Officer) in a business organisation. • A certified public accountant (CPA) who is qualified to audit the accounts of companies. • Any other career that requires a good grounding of accounting, financial and investment management e.g. banker, financial analyst, financial investigation officer, company directorship, entrepreneur

Explore the post-secondary options for Elective Subjects

Elective Subjects	Post Secondary Pathways
Chemistry	The subject is broad-based and is a key requirement for admission into post-secondary biomedical science and STEM related courses . The chemistry knowledge serves as a foundation for science related courses.
Biology and Science Biology	Career opportunities include Pursuit of STEM (science, technology engineering, mathematics) and non-STEM careers. A knowledge in Biology is an advantage for those who are interested in taking up Biology-related Sciences in tertiary institutions, such as Biomedical Engineering and Life Sciences in Polytechnics, A Level Biology in JC , etc.
Physics and Science Physics	Career opportunities include Pursuit of STEM (science, technology engineering, mathematics) and non-STEM careers. A knowledge in Physics is an advantage for those who are interested in taking up Physics-related courses in tertiary institutions, such as Engineering and Aerospace technology Polytechnics, A Level Physics in JC, etc.

Explore the post-secondary options for Elective Subjects

Elective Subjects	Post Secondary Pathways
Elements of Business Skills	Can be used as part of Best 4 subject for entry into ITE. Career opportunities include: 1. Administrative Support Assistants 2. Customer Service Representatives 3. Executive Assistants 4. Tele-sales Officers / Front desk receptionists at hotels 5. Staff in the tourism industry. (tour guides, tour operators) / Retail staff
History	The knowledge, skills and dispositions that History develops in students will allow them to engage in a range of professions beyond academia and education. This includes, among others, diplomacy and foreign relations, public policy, legal services, journalism, community and social services, entertainment, media and technology, as well as business and management.
Geography	Cross-Cultural Sensitivity → relevant skills in Hospitality and Tourism Industry Creativity → relevant skills fields of Architecture, Engineering and Medical Research Empathy → relevant skills in education, social work and health care professions Social awareness and positive social change → relevant skills in humanitarian relief work, animal activism, social work and legal administration(lawyers)

Explore the post-secondary options for Elective Subjects

Elective Subjects	Post Secondary Pathways
Art	The knowledge, skills and dispositions that Visual Art develop in students will allow them to explore media and design courses like animation, communication design, interior architecture and design and visual communications in the polytechnics. Art is also offered in Junior College as an 'A' level subject.
Design and Technology	The subject provides a broad-based foundation for further studies in engineering, designing and related fields. Career opportunities include: Graphic Designer, Industrial Designer, Web Developer, Software Developer, Multimedia Artist, Engineer, Architect, Landscape Architect/Designer, Interior Designer, Renderer, Product Design

How do you process all the new information available for your educational pathway options?

There are opportunities for progression for all

Work with teachers / ECG Counsellor to plan ahead

Develop Action Plans

Don't limit aspiration to specific job roles

Not bounded by job titles

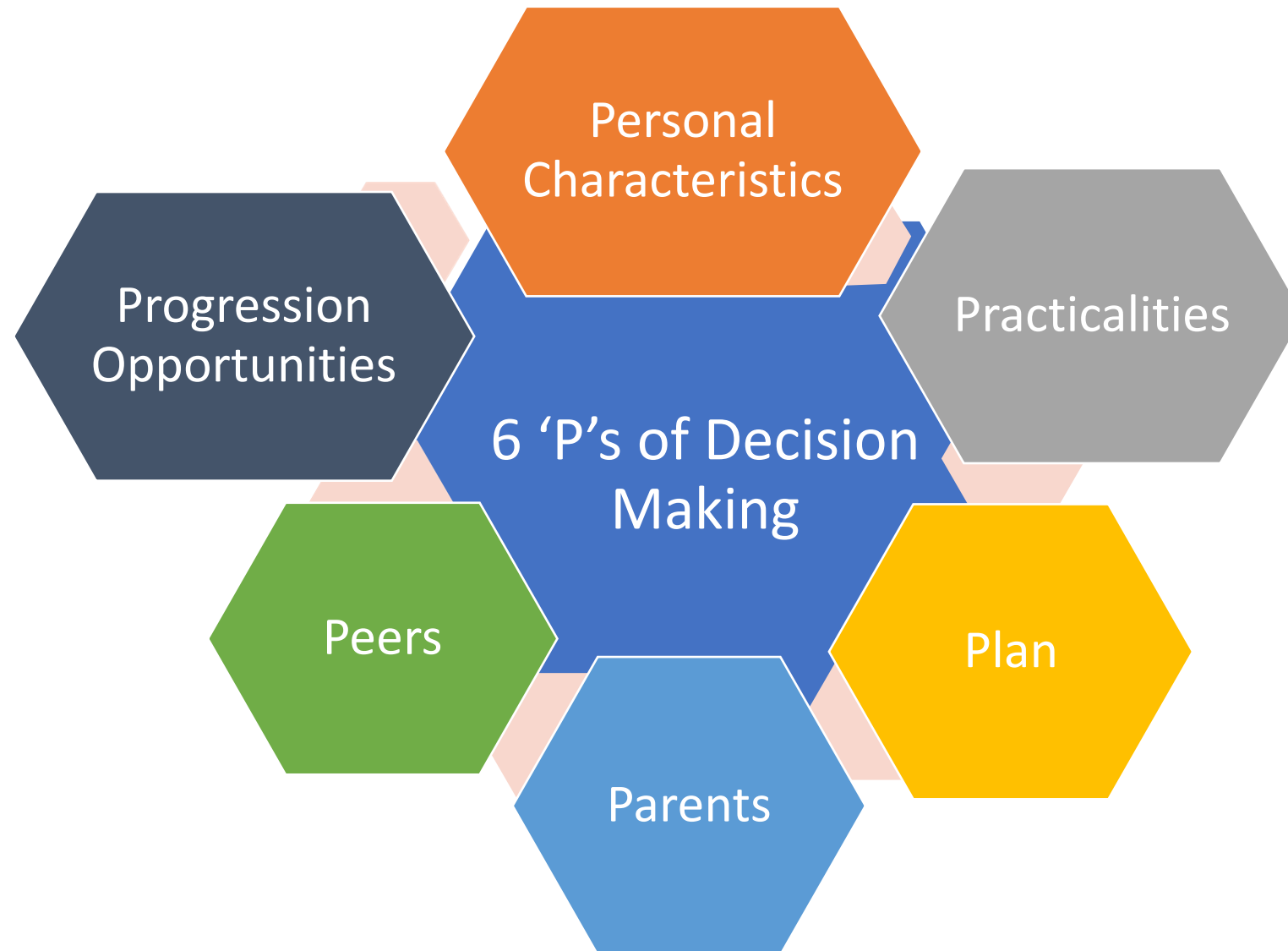
Recognize V.I.P.S early

Sensemaking



6 'P's of decision-making

Consider the 6 'P's of decision making when you are deciding on your Sec 3 subject combination.



6 'P's of decision-making



Personal Characteristics

- How does the course of study play up to your strengths, interests, abilities and aspirations?
- What are the areas you would like to contribute to society?
- How will having a greater self-awareness (strengths, interests, values, abilities) support you in selecting the right pathway?

Peers

- How do your strengths and interests differ from your friends?
Recognize that you are an unique individual and make your career interest decision based on your interests.

Parents

- Have a conversation with your parent. What insights can your parents provide to help you understand yourself better?

6 'P's of decision-making



Plan

- Plan ahead. Where do you see yourself in 3 years from now?
- What actions can you take to increase the likelihood of reaching your destination?
- What are your alternative plans if you are unable to get your first choice?

6 'P's of decision-making



Practicalities

- What are the academic requirements for the subject combination you are applying for?

Progression Opportunities

- Will the combination you are considering allow you to pursue a post-secondary course that prepares you to achieve your career aspirations?
- In pursuing the post-secondary course of your choice, are there opportunities for continuous learning and growth?

Summary

Your choice of subject combination

Prepares you for post-secondary education and career choices.

Your decision on subject combination

Depends on your interests and strengths. So look ahead, and think about what you would like to pursue in the future, and make the choice that brings you closer to your goals.

Be open and recognize that there are no dead ends

Every path is worth exploring and it all depends on what works best for you. Keep learning and be resilient.



**Supporting your child through
their Secondary School Journey**

How can you support your child?

- **Learn more about their strengths, skills, interests, learning styles and aspirations.**
- **Encourage your child to be open and think about possible education and career opportunities.**
 - There are many post-secondary education options for students to explore. Find one that best suit their strengths, skills, interests and learning styles.

How can you support your child?

*Help them
discover their
own strengths
and interests.*

Support

Affirm

*Appreciate
their efforts.
Respect their
choices.*

*Attend Poly / Uni
Open Houses.
Stay updated on
new changes*

Familiarise

Empathise

*Acknowledge
their thoughts
and feelings.
Manage own
expectations.*

How can you support your child?

- **Connect with them**

- Set aside time to listen and understand how they are coping with school and CCA, their **thoughts and feelings**.
- Create opportunities outside of school that would help you and your child recognize their **interests, skills, strengths and learning styles**.

- **Support them to learn for life**

- **Stay open** to the possible education and career pathways that are available and be flexible in discussing these pathways with them.
- Trust their abilities to grow to become better versions of themselves, while being careful not to project your expectations on them.
- Encourage them to take ownership of their goals and plans.



Education & Career Guidance

ECG Resources for

Post Secondary Pathways

***MOE CourseFinder and
SchoolFinder Websites***

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



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SINGAPORE

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[MOE](#) > [COURSEFINDER](#) >

Last Updated: 09 Jun 2025

[How to use CourseFinder](#)

Polytechnics ▾

Search for a course or course code e.g. "Biomedical Science" or "N59"

 **SEARCH**

▼ Criteria

Clear all

Polytechnics

☐ Nanyang Polytechnic
☐ Ngee Ann Polytechnic
☐ Republic Polytechnic
☐ Singapore Polytechnic
☐ Temasek Polytechnic

2025 JAE aggregate

Courses in Polytechnics

← 1 of 10 →

Showing 196 courses

AI & Data Engineering

Course code: C31

☒ Admission Type: JAE, DAE, JPAE, Poly EAE, PFP

 Nanyang Polytechnic

☒ 2025 JAE ELR2B2-C net aggregate: 6 - 13



<https://go.gov.sg/findcourses>

CourseFinder

Explore courses based on aggregate type, score, type of institute and area of interest.



Select the institutions you want to explore:

**INSTITUTE OF TECHNICAL
EDUCATION**

**JUNIOR COLLEGES AND
MILLENNIA INSTITUTE**

POLYTECHNICS

UNIVERSITIES



▼ Criteria

[Clear all](#)

Polytechnics



- ☐ Nanyang Polytechnic
- ☐ Ngee Ann Polytechnic
- ☐ Republic Polytechnic
- ☐ Singapore Polytechnic
- ☐ Temasek Polytechnic



2024 JAE aggregate



Aggregate type

[Clear](#)

Select an aggregate type



Aggregate score

0

Field of study



- ☐ Applied Sciences
- ☐ Built Environment
- ☐ Business and Management
- ☐ Engineering
- ☐ Health Sciences
- ☐ Humanities
- ☐ Information and Digital Technologies
- ☐ Maritime Studies
- ☐ Media and Design



Courses in Polytechnics



1 of 10



Showing 194 courses

AI & Data Engineering



Course code: C31

☒ Admission Type: JAE, DAE, JPAE, Poly EAE, PFP

Nanyang Polytechnic

☒ 2024 JAE ELR2B2-C aggregate : 6 - 10

Accountancy



Course code: N51

☒ Admission Type: JAE, DAE, JPAE, Poly EAE, PFP

Ngee Ann Polytechnic

☒ 2024 JAE ELR2B2-B aggregate : 4 - 11

Accountancy



Course code: S75

☒ Admission Type: JAE, DAE, JPAE, Poly EAE, PFP

Singapore Polytechnic

☒ 2024 JAE ELR2B2-B aggregate : 5 - 12

Accountancy & Finance



Aerospace Engineering



Focuses on aircraft aerodynamics and structures, aircraft systems and gas turbine engine. TP is the only local Poly certified by CAAS as a full SAR-147 Approved Maintenance Training Organisation, so your diploma is more widely recognised by employers in the aerospace industry.

 Course code : **T51**

 Temasek Polytechnic

 Admission type: **JAE , JPAE , Poly EAE , PFP , DAE**

 2024 JAE ELR2B2-C aggregate: **6-14**



 Course duration : **3 years**

Minimum entry requirement

You must meet the respective examination requirements in order for us to consider your application.

For N(A)-Level students seeking admission through PFP



For O-Level students seeking admission through JAE



Subject	Grade
English Language	1-7
Additional Mathematics or Mathematics	1-6
Any one of the following subjects • Biology • Biotechnology • Chemistry • Computing/Computer Studies • Design & Technology • Electronics/Fundamentals of Electronics • Physics • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry)	1-6

Course modules

Year 1



Diploma-related modules

- Circuit Analysis
- Digital Fundamentals 1
- Engineering Mathematics 1
- Computer Programming for Problem Solving
- Engineering Drawing
- Electronic Devices and Circuits
- Engineering Mathematics 2
- Statics and Strength of Materials
- Thermodynamics
- Engineering Physics

General modules

- Current Issues and Critical Thinking
- Leadership Fundamentals
- Sports and Wellness
- Effective Communication
- Career Readiness

How to register

Joint Admissions Exercise (JAE)

You may register using the JAE Internet System (JAE-IS). [Learn the process and how to apply.](#)



Joint Polytechnic Admissions Exercise (JPAE)

You may register using the JPAE Portal. [Learn the process and how to apply.](#)

Polytechnic Early Admissions Exercise (Poly EAE)

You may register using the Poly EAE Portal. [Learn the process and how to apply.](#)



Polytechnic Foundation Programme (PFP)

You may register using the PFP Portal. [Learn the process and how to apply.](#)

Direct Admissions Exercise (DAE)

You may apply through the respective polytechnics' websites. [Learn the process and how to apply.](#)

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



Ministry of Education
SINGAPORE

Education levels ▾ Financial matters ▾ Education in SG ▾ Newsroom ▾ Careers About MOE



MOE > SCHOOLFINDER >

Last Updated: 11 Jan 2024

 [How to use SchoolFinder](#)

SchoolFinder

Explore schools based on their distance from your home, locations, CCAs, subjects and programmes offered.

Junior Colleges and Millennia Institute ▾

Search for a school or keywords e.g. "Admiralty" or "football"

 **SEARCH**

▼ Criteria [Clear all](#)

Electives and programmes 

[Clear](#)

Search for electives or programmes

Admission type 

☐ Direct School Admission (DSA)

Junior Colleges and Millennia Institute

Showing 22 Junior Colleges and Millennia Institute

Anderson Serangoon Junior College

 Hougang
1033 Upper Serangoon Road, S534768





<https://go.gov.sg/findschools>

SchoolFinder

Explore schools based on their distance from your home, locations, CCAs, subjects and programmes offered.

Select the school journey you want to explore:

**PRESCHOOL
(MOE KINDERGARTEN)**

PRIMARY

SECONDARY

**JUNIOR COLLEGES AND
MILLENNIA INSTITUTE**

SPECIAL EDUCATION

POLYTECHNICS AND ITE



▼ Criteria

[Clear all](#)

Electives and programmes



[Clear](#)

Search for electives or programmes

Admission type



☐ Direct School Admission (DSA)

Support for special educational needs



Subjects



School type



Junior Colleges and Millennia Institute



1 of 2



Showing 22 Junior Colleges and Millennia Institute

Anderson Serangoon Junior College



Hougang

1033 Upper Serangoon Road, S534768



2024 JAE L1R5 aggregate:

Arts: 8 - 11

Science: 3 - 10

The school is currently located at a temporary site, 1033 Upper Serangoon Road, Singapore 534768, due to upgrading. It will move back to its permanent location at 4500 Ang Mo Kio Ave 6, Singapore 569843, in December 2027.

Anglo-Chinese Junior College



Queenstown

25 Dover Close East, S139745



2024 JAE L1R5 aggregate:

Arts: 2 - 9

Science: 2 - 8

Anderson Serangoon Junior College



📍 Hougang

[1033 Upper Serangoon Road, S534768](#)



📄 Course code: **Arts : 39A** | **Science : 39S**

☑ 2024 JAE L1R5 aggregate: **Arts: 8 - 11** | **Science: 3 - 10**

The school is currently located at a temporary site, 1033 Upper Serangoon Road, Singapore 534768, due to upgrading. It will move back to its permanent location at 4500 Ang Mo Kio Ave 6, Singapore 569843, in December 2027.

Subjects offered



Electives and programmes



DSA talent areas offered in 2024



Co-Curricular Activities (CCAs)



📘 Visit the school website to learn more.

▼ Criteria

[Clear all](#)

Electives and programmes



[Clear](#)

Search for electives or programmes

Admission type



☒ Direct School Admission (DSA)

DSA main Category

Sports and Games



DSA talent areas

[Clear](#)

Look up

Badminton



Note: Schools may participate in only Phase 1 or both Phases 1 and 2 of DSA-JC. [Learn more about it.](#)

Support for special educational needs



Junior Colleges and Millennia Institute



1 of 1



Showing 15 Junior Colleges and Millennia Institute

DSA talent areas:

Badminton



Anderson Serangoon Junior College



Hougang

1033 Upper Serangoon Road, S534768

2024 JAE L1R5 aggregate: Arts: 8 - 11 | Science: 3 - 10

The school is currently located at a temporary site, 1033 Upper Serangoon Road, Singapore 534768, due to upgrading. It will move back to its permanent location at 4500 Ang Mo Kio Ave 6, Singapore 569843, in December 2027.

Anglo-Chinese Junior College



Queenstown

25 Dover Close East, S139745

2024 JAE L1R5 aggregate: Arts: 2 - 9 | Science: 2 - 8



Pre –requisites for JC / Poly / ITE courses

Considerations for Sec 2 Subject Combination Exercise



Sample Subject Pre-requisites for JC



SCIENCES

Subject	Short Name	Level Offered	Subject Code	Indicative Cut-off	Remarks
Biology	BI2	H2	9477	• B3 for Pure Biology <u>OR</u> • C+ for Biology in IP4 <u>OR</u> • A2 for Combined Science (Biology)	• Assumed Knowledge: O-level Biology as a single subject or as part of a balanced science course.

MATHEMATICS AND COMPUTING

Subject	Short Name	Level Offered	Subject Code	Indicative Cut-off	Remarks
Mathematics	MA2	H2	9758	• C6 for both O-level Mathematics and Additional Mathematics <u>OR</u> • C for both IP Intermediate Mathematics and Advanced Mathematics	• Assumed Knowledge: O- level Additional Mathematics



Subject	H2	H1	Remarks
Art	AR2	AR1	Candidates who wish to offer H1 or H2 Art are required to sit for a diagnostic assessment.
Biology	BI2	BI1	For H1 and H2 Biology, assumed knowledge is Biology at O-Level, either as a single subject or as part of a balanced science course.

Poly Courses: Aggregate Score Types

ELR2B2-A



- Humanities
- Media & Design

ELR2B2-B



- Business & Management

ELR2B2-C



- Applied Sciences
- Engineering
- Health Sciences
- Information & Digital Technologies
- Built Environment

ELR2B2-D



- Built Environment
- Media & Design

Sample Subject Pre-requisites for Poly

Poly Net ELR2B2 Range & Minimum Entry Requirements (MERs)

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2024) JAE	Minimum Entry Requirements																																					
APPLIED SCIENCES																																									
Applied Chemistry	C45	ELR2B2-C	4 to 10	<table><thead><tr><th></th><th>Subject</th><th>Grade</th></tr></thead><tbody><tr><td>a)</td><td>English Language</td><td>1-7</td></tr><tr><td>b)</td><td>Additional Mathematics / Mathematics</td><td>1-6</td></tr><tr><td>c)</td><td>Any one of the following subjects:</td><td>1-6</td></tr><tr><td></td><td>• Biology</td><td></td></tr><tr><td></td><td>• Biotechnology</td><td></td></tr><tr><td></td><td>• Chemistry</td><td></td></tr><tr><td></td><td>• Food & Nutrition / Nutrition & Food Science</td><td></td></tr><tr><td></td><td>• Physics</td><td></td></tr><tr><td></td><td>• Science (Physics, Biology)</td><td></td></tr><tr><td></td><td>• Science (Chemistry, Biology)</td><td></td></tr><tr><td></td><td>• Science (Physics, Chemistry)</td><td></td></tr></tbody></table>			Subject	Grade	a)	English Language	1-7	b)	Additional Mathematics / Mathematics	1-6	c)	Any one of the following subjects:	1-6		• Biology			• Biotechnology			• Chemistry			• Food & Nutrition / Nutrition & Food Science			• Physics			• Science (Physics, Biology)			• Science (Chemistry, Biology)			• Science (Physics, Chemistry)	
	Subject	Grade																																							
a)	English Language	1-7																																							
b)	Additional Mathematics / Mathematics	1-6																																							
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	• Physics																																								
	• Science (Physics, Biology)																																								
	• Science (Chemistry, Biology)																																								
	• Science (Physics, Chemistry)																																								
Biologics & Process Technology	C49	ELR2B2-C	7 to 11																																						
Chemical & Pharmaceutical Technology	C73	ELR2B2-C	7 to 13																																						
Common Science Programme	C27	ELR2B2-C	5 to 12																																						
The first semester is common to all students and they will opt for one of the following Diploma courses at the end of semester 1: • Applied Chemistry • Biologics & Process Technology																																									

Sample Subject Pre-requisites for ITE

APPLIED & HEALTH SCIENCES				
Applied Food Science ②⑤	NFAFZ	CE-SM	8	3 GCE 'N' Passes (Grade A-D or Grade 1-5) in Mathematics or Science* and two other subjects Or 2 GCE 'O' Grades (Grade 1-8) in any two subjects * Mobile Robotics and Smart Electrical Technology subjects can be used in lieu of Science for admission to these Nitec courses
Chemical Process Technology ②⑤	NFCPZ	CE-SM	9	
Community Care & Social Services ①③⑤	NFCSZ	CE-SM	14	
Opticianry ①⑤	NFOPZ	CE-SM	14	

Check footnotes!

Eg ② indicates applicants must ensure they do not have colour appreciation deficiency

Check footnotes!

Eg ① indicates interview requirement

Aggregate score of lowest ranked students admitted in the previous year

E.g. of prerequisite subjects



Sample University criteria for A level graduates



NANYANG BUSINESS SCHOOL

Programmes

Minimum Subject Requirements

Accountancy[#]

Accountancy with a Second Major in

- Entrepreneurship
- Sustainability

Accountancy (Sustainability Management and Analytics)

H1 Level pass in Mathematics, or
'O' Level/equivalent pass in Additional Mathematics, and
A good grade in General Paper/Knowledge & Inquiry

COLLEGE OF SCIENCE

Programmes

Minimum Subject Requirements

Biomedical Sciences and BioBusiness
(Double Major)

H1 Level pass in Mathematics, and
H2 Level pass in Physics/Chemistry/Biology

Biological Sciences and Psychology
(Double Major)

A good grade in H1 Level Mathematics, and
H2 Level pass in Physics/Chemistry/Biology, and
A good grade in General Paper/Knowledge & Inquiry

Sample University criteria for Poly graduates



List of Acceptable Diplomas from Temasek Polytechnic
Information accurate as of December 2025

Single Degree Programme	Acceptable Diplomas from Temasek Polytechnic	Selection test / Interview
Pharmacy ⁴	• Applied Food Science & Nutrition • Biomedical Science • Biotechnology • Medical Biotechnology • Pharmaceutical Science Students applying to Pharmacy should refer to here for important information on the 'Fitness to Practise'.	No

Resources

Video – Heart to Heart Talk



<https://go.gov.sg/h2htep2>

ECG Tips for Parents



<https://go.gov.sg/tips-for-parents>



Find out more about Full SBB

Find out more about Full SBB

Full SBB Page

Full Subject-Based Banding (Full SBB)

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.



What is Full SBB?

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.



Secondary school experience under Full SBB

Find out more about Secondary 1 postings, form classes, subject offerings, Common Curriculum and other changes under Full SBB.

Timeline

- 2020**
Start of Full SBB pilot in 28 secondary schools
- 2021**
First cohort of Primary 6 students undergo



<https://go.gov.sg/moe-fsbb-main>

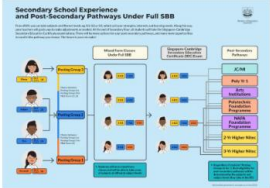
Full SBB Resources

Resources

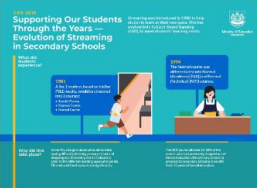


Subject-Level Requirements for Post-Secondary Pathways

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



Secondary School Experience and Post-Secondary Pathways Under Full SBB



Evolution of Streaming

Supporting Our Students Through the Years — Evolution of Streaming in Secondary Schools



<https://go.gov.sg/fsbbresources>

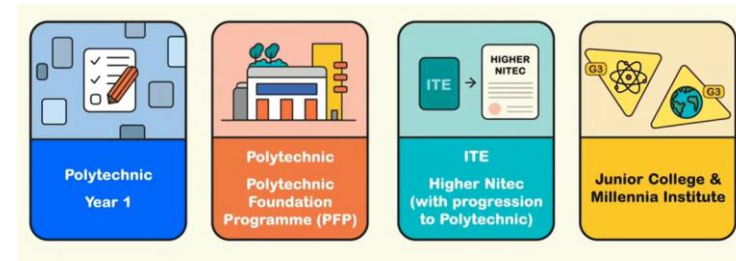
Find out more about Full SBB

MOE Explainer Video: Full SBB



<https://go.gov.sg/moe-fsbb-explainer>

MOE Explainer Video: Post-Secondary Pathways under Full SBB



<https://go.gov.sg/moe-fsbb-postsec>

Booking of ECG Counselling Session with Mr Syahril



- Mr Syahril is in school on Wednesdays and Thursdays.
- You can email Mr Syahril to schedule an online session on days other than Wednesdays and Thursdays.

Email: mohammed_syahril_samsudin@schools.gov.sg



Thank you