

HOUGANG SECONDARY SCHOOL

Parents' Briefing on Subject Combination (NA)
14 July 2023 (Friday)

HOUGANG
SECONDARY SCHOOL





Focus:

- **Education & Career Guidance Talk**
- **Promotion Criteria**
- **Tentative Sec 3NA Subject Combinations for 2024**
- **Process of Subject Combination Exercise**
- **Important Dates**

Education & Career Guidance (ECG)

Talk for Parents

Mrs Lee Yu Zhen

后港中学

Common Questions From Students

Should I choose subjects that I like or I am good at?



How do I choose when I do not know my career aspirations yet?

What are the subjects required to achieve my career aspirations?

Which educational pathway is better for me?



What are the subjects your children enjoy or are good at?

- **Sciences**

e.g. Biology, Chemistry, Physics

- **Additional Mathematics**

- **Humanities and the Arts**

e.g. Art, Geography, History, Literature, Social Studies

- **Coursework / Other Electives**

e.g. Design and Technology, Nutrition & Food Science, Principles of Accounts



How to help your children choose when they do not know their career aspirations yet?



Co-curricular Activities



Values In Action



Education and Career Talks / Career Fairs



Applied Learning Programmes

Discover themselves (values, interests, personality and skills) through their sharing on experiences

Using “Know Yourself” Profiling Tools in MySkillsFuture



1. Discover more about your career interests, skills, work values, and learning styles.
2. These tools are meant to facilitate self-awareness and exploration.
3. You may use them as a guide to plan your education or career.



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



Vocational Interests



Enterprising
Career Clusters

- Arts, A/V technology, and communications
- Business, management, and administration
- Finance
- Government and public administration
- Hospitality and tourism
- Law, public safety, corrections, and security
- Marketing, sales, and service



Social
Career Clusters

- Arts, A/V technology, and communications
- Education and training
- Government and public administration
- Health science
- Human services
- Law, public safety, corrections, and security
- Marketing, sales, and service



Investigative
Career Clusters

- Health science
- Information technology
- Law, public safety, corrections, and security
- Science, technology, engineering, and mathematics

Vocational Interests



Realistic
Career Clusters

- Agriculture, food, and natural resources
- Architecture and construction
- Arts, A/V technology, and communications
- Health science
- Hospitality and tourism
- Information technology
- Law, public safety, corrections, and security
- Manufacturing
- Science, technology, engineering, and mathematics
- Transportation, distribution, and logistics



Artistic
Career Clusters

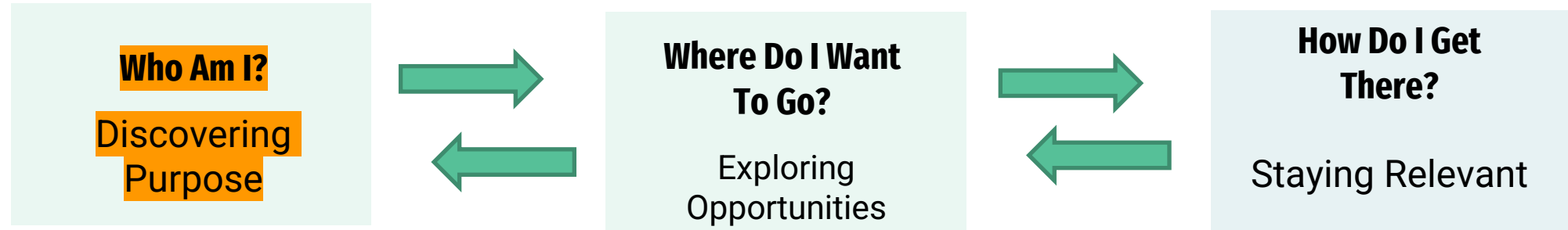
- Arts, A/V technology, and communications
- Education and training
- Hospitality and tourism
- Human services
- Marketing, sales, and service



Conventional
Career Clusters

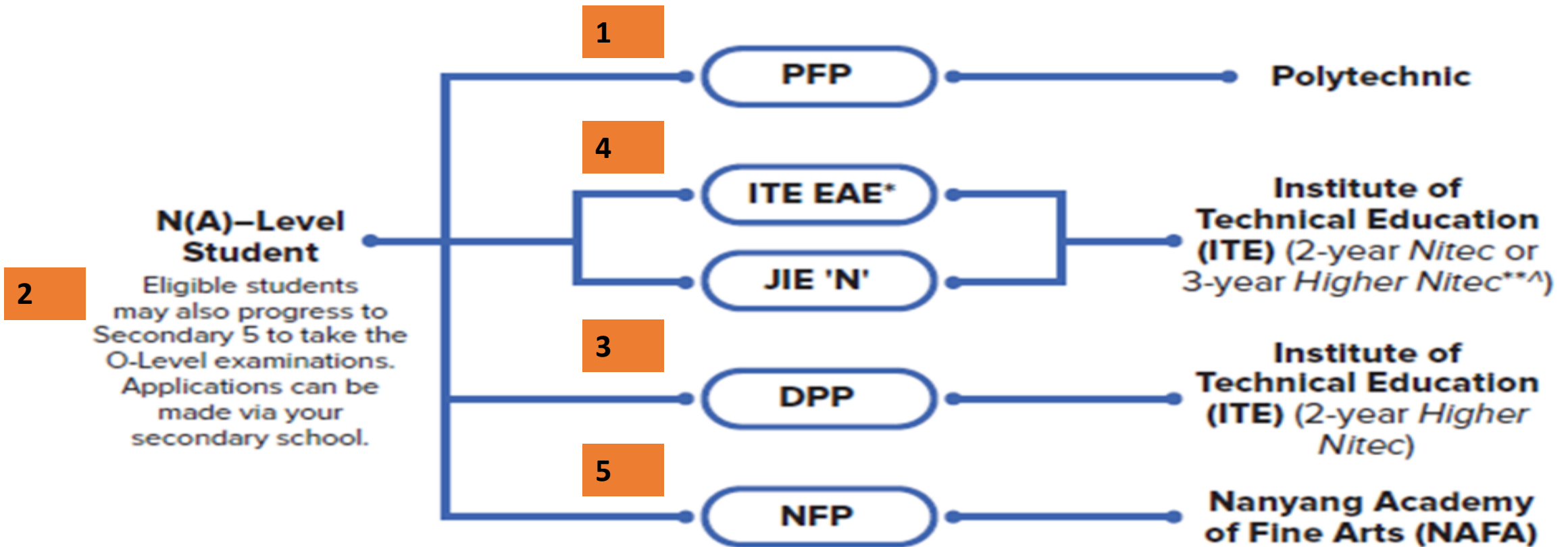
- Architecture and construction
- Business, management, and administration
- Finance
- Health science
- Manufacturing
- Transportation, distribution, and logistics

Using the 3 ECG Questions to Make Subject Choices



Informed Decision
My Subject Combination

Pathways and Admission Exercises for N(A) – Level Students



<https://www.moe.gov.sg/post-secondary/admissions>

1. Polytechnic Foundation Programme (PFP)

- 1 + 3 Year programmes in Polytechnic

Year 0: practice-oriented curriculum to prepare students for entry to relevant Polytechnic Diploma

pass all modules



Year 1: Start of Diploma Education



1. Polytechnic Foundation Programme (PFP)

- Entry requirement:
Obtain **ELMAB3 of 12** or less AND meet subject-specific requirement

N(A)-Level Subjects	Current Grade Requirement	New Grade Requirement
English	2 or 3; depending on course	2 or 3; depending on course
Mathematics	3	3
Relevant Subject	3	3
Two “Best” Subjects	3	4

NEW from AY2024 intake onwards:
Min grade requirement of two 'Best' subjects change from Grade 3 to Grade 4

- For more information
- <https://pfp.polytechnic.edu.sg>



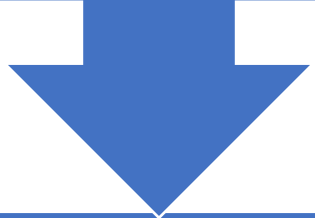
2. Progression to Sec 5NA to take 'O' Level

For students who wish to pursue Sec 5, they must fulfil **all** the following criteria:-

- (a) Obtained an ELMAB3 (EL, Mathematics (MA) and best three other subjects) **aggregate score of 19 points or less**; and
- (b) Obtained **at least an N(A)-Level Grade 5** for all subjects used in the computation of ELMAB3.

3. Direct-Entry-Scheme to Polytechnic Programme (DPP)

10-week Preparatory Course + 2-Year Higher Nitec Courses at ITE



achieve the qualifying Grade Point Average (GPA) score in their 2-year *Higher Nitec* course

Students will be assured of a place in a related polytechnic course

18 DPP 2-Year Higher Nitec Courses

Applied Sciences

Higher Nitec in Chemical Technology

Engineering

Higher Nitec in Civil & Structural Engineering Design

Higher Nitec in Electrical Engineering

Higher Nitec in Electronics Engineering

Higher Nitec in Mechanical Engineering

Higher Nitec in Mechatronics Engineering

Business & Services

Higher Nitec in Accounting

Higher Nitec in Event Management

Higher Nitec in Financial Services

Higher Nitec in Hospitality Operations

Higher Nitec in International Logistics

Higher Nitec in Leisure & Travel Operations

Higher Nitec in Service Management

Info-Communications Technology

Higher Nitec in Business Information Systems

Higher Nitec in Cyber & Network Security

Higher Nitec in Immersive Applications & Game (wef Jan 2023 intake)

Higher Nitec in IT Applications Development

Higher Nitec in IT Systems & Networks

4. 3-Year Higher Nitec Courses

S/N	3-Year Higher Nitec Course	Course Code	College Code
1	Accounting	HF3AC	CC-AM CE-SM CW-CK
2	AI Applications	HF3AI	CC-AM CW-CK
3	Business Information Systems	HF3BI	CE-SM
4	Cyber & Network Security	HF3CN	CC-AM CE-SM CW-CK
5	Data Engineering	HF3DE	CW-CK
6	Electronics Engineering	HF3EC	CC-AM CE-SM CW-CK
7	Immersive Applications & Game	HF3IG	CC-AM
8	IT Applications Development	HF3IA	CC-AM CE-SM CW-CK
9	IT Systems & Networks	HF3IS	CC-AM CE-SM CW-CK
10	Security System Integration	HF3SI	CE-SM CW-CK
11	Sport Management	HF3SM	CC-AM CE-SM CW-CK

Nitec Courses

- Provide industry-relevant skills
- Mostly 2-Year courses
- Must meet Entry Requirements
- With good academic performances,
 - progress to Higher Nitec offered by ITE or
 - progress to related diploma courses at Polytechnics



APPLIED & HEALTH
SCIENCES



BUSINESS & SERVICES



DESIGN & MEDIA



ENGINEERING



HOSPITALITY

Nitec Courses



Applied & Health Sciences

[Nitec in Applied Food Science](#)

[Nitec in Chemical Process Technology](#)

[Nitec in Community Care & Social Services](#)

[Nitec in Nursing](#)

[Nitec in Opticianry](#)



Business & Services

[Nitec in Beauty & Wellness](#)

[Nitec in Business Services](#)

[Nitec in Floristry](#)

[Nitec in Hair Fashion & Design](#)

[Nitec in Logistics Services](#)

[Nitec in Retail Services](#)

[Nitec in Retail Services \(3-year\)](#)

[Nitec in Travel & Tourism Services](#)



Design & Media

[Nitec in Architectural Technology](#)

[Nitec in Digital Animation](#)

[Nitec in Fashion Apparel Production & Design](#)

[Nitec in Interior & Exhibition Design](#)

[Nitec in Product Design](#)

[Nitec in Video Production](#)

[Nitec in Visual Communication](#)



Engineering

[Nitec in Aerospace Avionics](#)

[Nitec in Aerospace Machining Technology](#)

[Nitec in Aerospace Technology](#)

[Nitec in Automotive Technology](#)

[Nitec in Built Environment \(Mechanical & Electrical Services\)](#)

[Nitec in Built Environment \(Mechanical & Electrical Services\) \(3yr\)](#)

[Nitec in Built Environment \(Vertical Transportation\)](#)

[Nitec in Digital & Precision Engineering](#)

[Nitec in Electrical Technology \(Lighting & Sound\)](#)

[Nitec in Electrical Technology \(Power & Control\)](#)

[Nitec in Mechanical Technology](#)

[Nitec in Mechanical Technology \(3-year\)](#)

[Nitec in Mechatronics & Robotics](#)

[Nitec in Rapid Transit Technology](#)

[Nitec in Urban Greenery & Landscape](#)



Business & Services

[Nitec in Asian Culinary Arts](#)

[Nitec in Hospitality Operations](#)

[Nitec in Pastry & Baking](#)

[Nitec in Western Culinary Arts](#)



Quick link for students: ECG Bookcase or <https://pubhtml5.com/bookcase/vhhu>

5. NAFA Foundation Programme (NFP)

- 1 + 3 Year programmes in NAFA
- Obtain **ELMAB3 of 15** or less AND meet subject-specific entry
- CCA Points not considered
- Better aggregate score of combined 'N'- and 'O'-Level examination result will be taken
- **EL SCORE 4 & above** required to attend interview, Admission Test/Audition Dates

'O' Level Grade	Aggregate Point for NFP
A1 - B3	1
B4 - C6	2
D7	3

Quick link for students: <https://www.nafa.edu.sg/courses/fou>



Course Finder

MOE >

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

Polytechnics

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

Criteria **Clear all**

- Polytechnics
- 2022 JAE aggregate
- Field of study
- Qualification

Courses in Polytechnics

Showing 199 courses

AI and Data Engineering

Course code: C31
Admission Type: JAE, DAE, JPAE, Poly EAE, PFP

Nanyang Polytechnic
2022 JAE ELR2B2-C aggregate: 4 - 9

Criteria **Clear all**

- Polytechnics
- 2022 JAE aggregate
- Field of study
- Qualification

Criteria **Clear all**

Polytechnics

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

2022 JAE aggregate

Aggregate type **Clear**

Select an aggregate type

- ELR2B2-A
- ELR2B2-B
- ELR2B2-C
- ELR2B2-D

Field of study

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

Qualification

- GCE NA-Level
- GCE O-Level

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










Quick link for students: Coursefinder
<https://www.moe.gov.sg/coursefinder>



Useful Resources

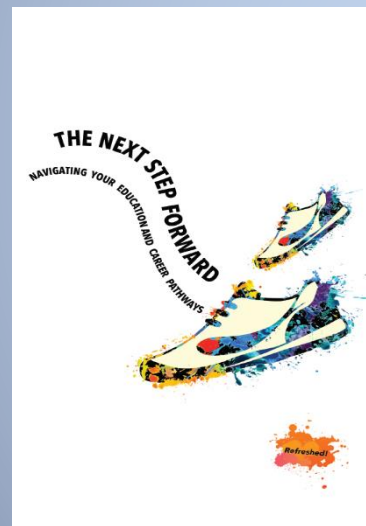
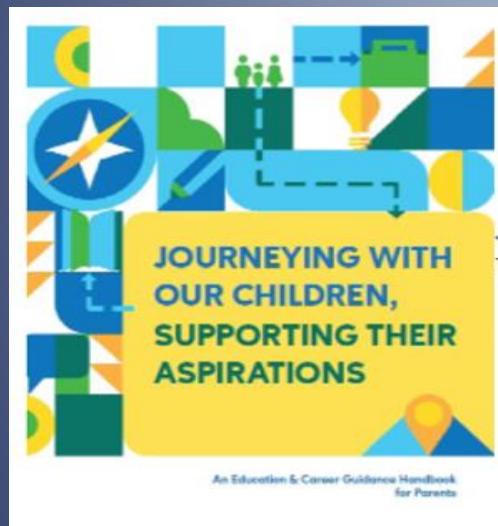
HOME / Quick Links / For Students

For Students

 ACE Learning System	 Ministry of Education SINGAPORE	 SINGAPORE STUDENT LEARNING SPACE LEARN ANYTIME, ANYWHERE, AT ANY PACE
Mathematics E-Learning System	Ministry of Education	Student Learning Space
	 SCHOOL HUB PORTAL <i>SchoolHub Portal for Singapore Schools</i>	
HGSS Facebook	Sec 1 CCA Option Exercise	AsknLearn Learning Management System
	 ECG Bookcase	
MySkillsFuture For Students	Education and Career Guidance	MOE Course Finder

Useful Resources

- <https://www.myskillsfuture.gov.sg/content/student/en/secondary/help/ecg-resources.html>



ECG Advising

Ms. Juan Pei-Ling

Education & Career Guidance Counsellor

Available

Mon & Thurs (8am – 5pm)

@ Engagement Centre (Canteen)

Email: juan_peiling@schools.gov.sg

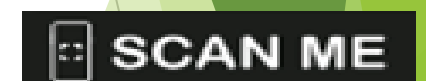
Post-Secondary Pathways

Topics covered today	What I can further help you with:
Post-Secondary Pathways	<ul style="list-style-type: none">• Better understanding of pathways• What should you consider depending on interest / plans• What is relevant for you
Admission Criteria	<ul style="list-style-type: none">• Process, Application, Important Dates, Timeline• Relevant Subjects for Admission• What are your options based on interest / plans
Overview of JC, Poly, ITE	<ul style="list-style-type: none">• Cut-off Point Entry requirements• Relevant Subjects for Course Eligibility• Relevant Courses & Requirements

**Book
Appointment**



**Feedback on
Session**



Thank you!

Question & Answer

Thank You



<https://go.gov.sg/w2jelg>



Computation of Aggregate Points (for PFP)

Secondary 4 Normal (Academic) Students who have sat for GCE 'O' Level Exams in a few subjects

The PFP is also available to Secondary 4 Normal (Academic) students who have sat for GCE 'O'-Level subjects. These students are allowed to combine their 'N'- and 'O'-Level examination results to compute their eligibility. If a student takes the same subject at both 'N' and 'O' Levels, only the better grade will be computed into his or her aggregate.

The following GCE 'O'-Level Grade conversion matrix will be adopted during the computation of aggregates.

'O'-Level Grade	Aggregate Point for PFP
A1 - B3	1
B4 - C6	2
D7	3

Computation of Aggregate Points(for DPP)

Normal (Academic) Course

The corresponding ITE aggregate points for Normal (Academic) subject grades, for merit-based admission to full-time 2-year *Higher Nitec* courses under DPP are shown in the table below:

Computation of ITE Aggregate Points for Normal (Academic) Subjects

Normal (Academic) Grade	ITE Aggregate Points
1	1
2	2
3	3
4	4
5	5

For N(A) students, using their GCE 'O' Level subject grades taken in the same year as the N(A) subjects to apply for DPP, the computation of ITE aggregate points is shown in the Table below:

Computation of ITE Aggregate Points for GCE 'O' Level Subjects

GCE 'O' Level Grade	ITE Aggregate Points
A1 – B3	1
B4 – C6	2
D7 – E8	3

The GCE 'O' Level grade of F9 and GCE 'N(A)' grade of U will not be used to determine DPP eligibility. It will not be considered in both the aggregate score (ELMAB3) computation as well as minimum entry requirements.

CCA Bonus Points

Bonus Points

The table below shows the bonus points available for CCA participation. Please note that these bonus points will not be taken into account when determining whether applicants are eligible for courses. The CCA Bonus Points will only come into effect when the applicant has been deemed eligible and is being considered for posting based on merit.

Types of Bonus Points	Number of Bonus Points Awarded
For applicants with the following CCA grades: a) Excellent or Grades of A1 – A2 b) Good or Grades of B3 – C6	2 points 1 point

Progress to Poly after DPP

Qualifying 2-Year Higher Nitec GPA for Progression to Polytechnics under DPP

Courses	Progress to first-year in relevant Polytechnic Diploma course*	Progress to second-year in relevant Polytechnic Diploma course*
Applied Sciences 2-year Higher Nitec Courses[#]	ITE raw GPA \geq <u>2.5 points</u> (excluding CCA bonus points [^])	N.A.
Engineering or Info-Communications Technology 2-year Higher Nitec Courses[#]	ITE raw GPA \geq <u>2.5 points</u> (excluding CCA bonus points [^])	ITE raw GPA \geq <u>3.5 points</u> (excluding CCA bonus points [^])
Business & Services 2-year Higher Nitec Courses	ITE raw GPA \geq <u>3.0 points</u> (excluding CCA bonus points [^])	N.A.



Promotion Criteria

Level	Criteria (min requirement)
Sec 2 Normal (Academic)	Passed EL and 2 other subjects or Passed 4 subjects



Tentative Sec 3NA Subject Combinations for 2024

NO.	SUBJECTS		
1	English Language		
2	Mother Tongue (Chinese / Malay / Tamil / Others)		
3	Mathematics		
4	Combined Science (Physics / Chemistry)		
5	Humanities	Social Studies & Geography	Choose 1
		Social Studies & History	
6	Elective (non coursework/coursework)	Principles of Accounts	Choose 1
		English Literature	
		Art*	
		Design & Technology*	
		Nutrition and Food Science*	

* coursework subjects



Important Information

1. **Out-of-Stream Subjects (OSS)* that are currently offered are English Language, Mother Tongue, Mathematics and Science.**
NA students will be offered OSS subjects if they meet the school-based criteria of 75% or better for the subject.
These students can take up to a maximum of 3 OSS subjects.
2. **For current SBB students who are taking higher level subject(s), they would need to score 50% or better for the higher level subject to be eligible for the OSS in Secondary 3**

****OSS are offering of subjects at a higher level, for example NA students taking Exp Math.***



IMPORTANT DATES

Date	Details	Remarks
24 May	Briefing to Sec 2	Subjects Preference survey DONE
25 & 26 May	Students complete Subjects Preference Survey	DONE
14 July	Subjects Combination briefing to parents	
25 Sept – 6 Oct	End of Year Exam	
13 Oct	Briefing on Subject Combinations for students	
27 Oct	Commencement of Actual Subject Combination Exercise from 27 Oct to 30 Oct	
10 Nov	Release of Subject Combination outcome	
10 Nov – 13 Nov	Appeal period	Deadline, 3 pm with consent from parents and CCs are to be informed.



For further clarifications, please contact the following personnel:

English, Literature :

Mdm S Chitradevi, s_chitradevi@moe.edu.sg

Mathematics, POA:

Mr Chow Poh Boon, chow_poh_boon@moe.edu.sg

Science:

Mr Quek Yong Cai, quek_yong_cai@moe.edu.sg

Computing:

Mr Javen Gwee Chen Meng, javen_gwee_chen_meng@moe.edu.sg

Humanities:

Mr Andy Koh Min Chit, andy_koh_min_chit@moe.edu.sg

Mother Tongue (Malay Lit):

Ms Cheng Sze Mei Carmen, cheng_sze_mei@moe.edu.sg

Aesthetics & Technology (D&T, Art, NFS, Music):

Mr Mohamed Fahizel, mohamed_fahizel@moe.edu.sg



Subject Combination Matters

You may contact :

Mdm Martini Rahmat, martini_rahmat@moe.edu.sg (Sec 2 AYH)

Mr Chow Poh Boon, chow_poh_boon@moe.edu.sg (HOD Math; OIC)



ANY QUESTIONS ?



Thank
you

