



Our Microsite:  
[https://www.pasirrissec.moe.edu.sg/  
subject-combination/](https://www.pasirrissec.moe.edu.sg/subject-combination/)



# 2025 Secondary 3 Subject Combination Exercise

---

Parents' Briefing

5 July 2024

5.30 – 6.30 p.m.



# Agenda

- ❑ Opening Address  
by Principal, Mrs Chua
- ❑ Post-Secondary Pathways  
by Mr Daniel Ng
- ❑ Sec 3 Subject Combination  
by Mr Sim Keng Yam
- ❑ Q&A



Go to  
[pigeonhole.at](https://pigeonhole.at)

Enter passcode

**S7AED6**



A circular wreath of various botanical illustrations surrounds the central text. The wreath includes green ferns, a red maple leaf, a large green leaf, a cluster of small pink flowers, a large green leaf, a red leaf, a cluster of purple flowers, and a large green leaf. The background is a light blue-grey color.

Opening Address

# Our Principal Mrs Grace Chua

---



# Sec 3 Subject Combination

- Selection of subjects to pursue at the upper secondary levels allows students an opportunity for more **in-depth study** in the subjects they are **passionate** and strong in.
- Prepares them for **post-secondary education**

Select Upper Sec Subjects based on:

- **Aptitude**
- **Interest**
- **Post-Sec Education & Career Choices**

# Critical Core skills for the future

- **Thinking Critically** – These are cognitive skills that are needed to think broadly and creatively in order to see connections and opportunities in the midst of change. Cognitive skills are the root of technical skill development and progression.
- **Interacting with Others** – Learning from other people is one of the most effective ways to acquire new skills and ideas. Being effective at interacting with others means thinking about the needs of other people, as well as being able to exchange ideas and build a shared understanding of a problem or situation. Increasingly people need to be able to combine their technical skills with those of others to succeed.
- **Staying Relevant** – Managing oneself effectively and paying close attention to trends impacting work and living provide the strategies, direction and motivation for technical skill development.

**Source: SG SkillsFuture**

# Top 10 skills of 2025



Analytical thinking and innovation



Active learning and learning strategies



Complex problem-solving



Critical thinking and analysis



Creativity, originality and initiative



Leadership and social influence



Technology use, monitoring and control



Technology design and programming







Resilience, stress tolerance and flexibility



Reasoning, problem-solving and ideation

## Type of skill

-  Problem-solving
-  Self-management
-  Working with people
-  Technology use and development



<https://content.mycareersfuture.gov.sg/future-proof-career-in-demand-skills/>

## Future-Proof Your Career: Top In-Demand Skills to Gun for in 2024

Discover the essential skills you need to secure your career in the fast-evolving job market of 2024. Stay ahead of the competition and future-proof your professional success.



In an ever-evolving job market, staying ahead of the curve is crucial for individuals and enterprises alike. So, if you're looking to keep abreast of job market trends, the big question is: What are the in-demand skills for this year?

Enter the [Skills Demand for the Future Economy 2023/24 report](#), conducted by SkillsFuture Singapore (SSG). The report provides valuable insights into the in-demand skills that will shape Singapore's job landscape in 2024.

If futureproofing your career ranks high on your agenda this year, [Workipedia by MyCareersFuture](#) brings you the lowdown of the hottest skills to add to your skillset to help you achieve your goal.

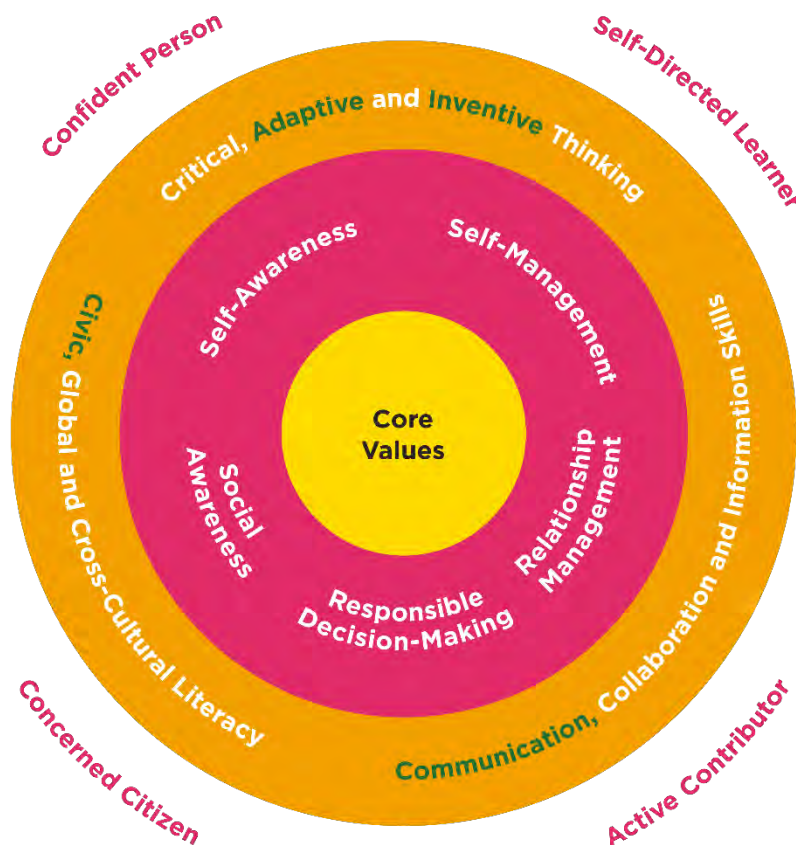
Given how the operating contexts for our students have changed, there is room for further development of the following Emerging 21CC. Schools have the autonomy to decide on their priority areas based on their school contexts.

### Adaptive Thinking

- i. Assesses different contexts and situations in order to make connections and draw new insights
- ii. Manages complexities and ambiguities by adjusting one's perspective and strategies

### Civic Literacy

- i. Demonstrates understanding of values, ideals and issues of personal, community and national significance
- ii. Plays active and constructive roles to improve the school, community and nation



### Inventive Thinking

- i. Explores possibilities and generates novel and useful ideas
- ii. Evaluates and refines ideas to formulate novel and useful solutions

### Communication

- i. Effectively communicates information and co-constructs meaning
- ii. Engages empathetically with diverse perspectives



# SH/CCE Mr Daniel Ng



- ❑ Post-Secondary Pathways
- ❑ Making choices
- ❑ Preparing well for the future



# WHAT ARE THE VARIOUS POST-SECONDARY SCHOOL TRACKS AVAILABLE?

## 4 MAIN TRACKS

### 1. Junior Colleges (JCs) or Millennia Institute

Prepares students for the GCE 'A'  
Level examination

### 2. Polytechnics

Hands-on, practice-based learning experience within a dynamic and progressive learning environment. Work attachments are part of the curriculum.



### 4. Private Schools & Institutions (incl. LaSalle/NAFA)

Curriculum is determined by the school and alternative options are provided for students

### 3. Institute of Technical Education (ITE)

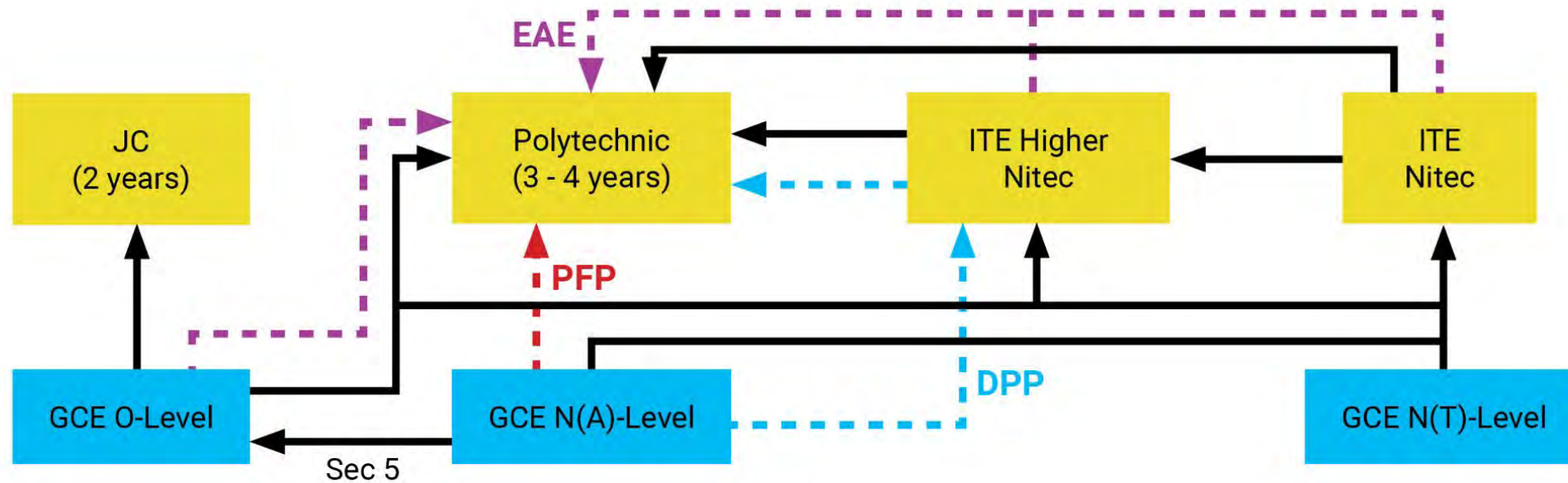
Technical and vocational education for students

# AFTER GCE O/N LEVEL ...

## AGGREGATE COMPUTATION FOR ADMISSION

Institution	Aggregate
Junior College (2-yr)	$L1R5 \leq 20$
Millenia Institute (3-yr)	$L1R4 \leq 20$
Polytechnic	ELR2B2
Institute of Technical Education	ELB4, ELR1B3, ELR2B2

# Post-secondary options



## Polytechnic Foundation Programme (PFP):

- One-year programme at a polytechnic that offers a practice-oriented curriculum to better prepare polytechnic-bound N(A) students for entry into the relevant Polytechnic Diploma courses
- An alternative to Sec 5 year

## Direct Entry Scheme to Polytechnic (DPP):

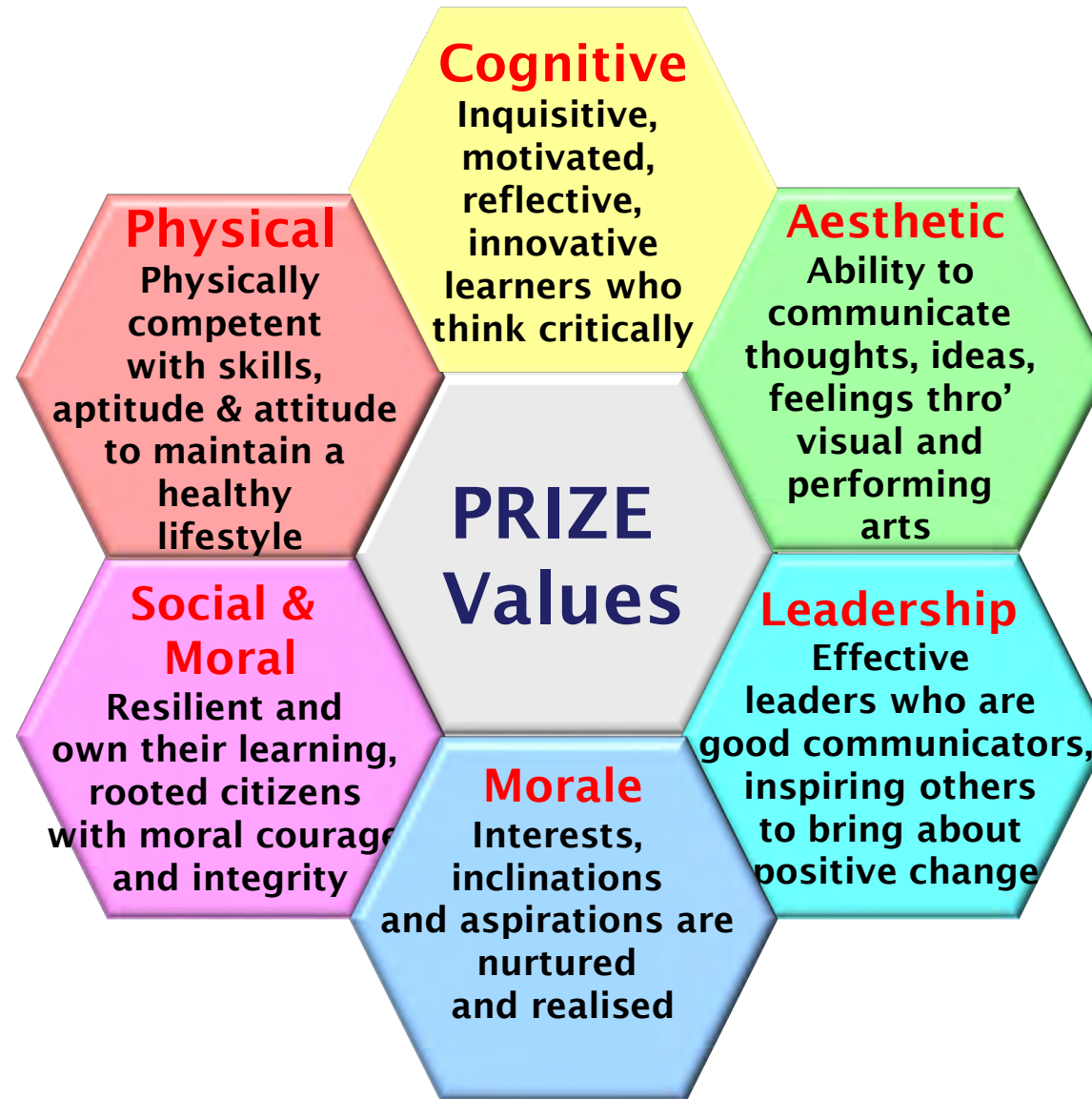
- Through-train programme for N(A) students to polytechnic via Higher Nitec programme at ITE

## Early Admissions Exercise (EAE):

- An aptitude-based admissions exercise that allows students to apply for and receive conditional offers for admission to polytechnics prior to receiving their final grades.



# HOLISTIC DEVELOPMENT



# ALUMNI WHO CONTINUE TO EXCEL



*The Lee Kuan Yew awards are special awards given out annually to students with outstanding academic & non-academic achievements, who are confident & self-directed learners, and contributing & concerned citizens.*

**Elsa Foo, 4T7, 2020**

**Dual-award recipient of  
LKY Award for All-Round  
Excellence 2020  
&  
LKY Award for Outstanding  
Normal Course Students 2020**

EL, CL, MA, SC, CPA and  
FPS

GOLDEN  
GRADUATES  
2022

**ELIJAH  
NG DING JIE**  
Cybersecurity  
& Digital  
Forensics

**LEE KUAN YEW  
AWARD**

**NGEE ANN  
POLYTECHNIC  
OUTSTANDING  
ACHIEVEMENT  
AWARD**

- › CSIT Gold Medal & Prize
- › CSIT Prize
- › Diploma with Merit

*Formerly from  
Pasir Ris Secondary  
School*



**4E6, 2018**

EL, CL, MA, AM, PHY, CHEM, BIO,

# Alumni who continue to Excel

General Manager  
Lalune Pte.Ltd.



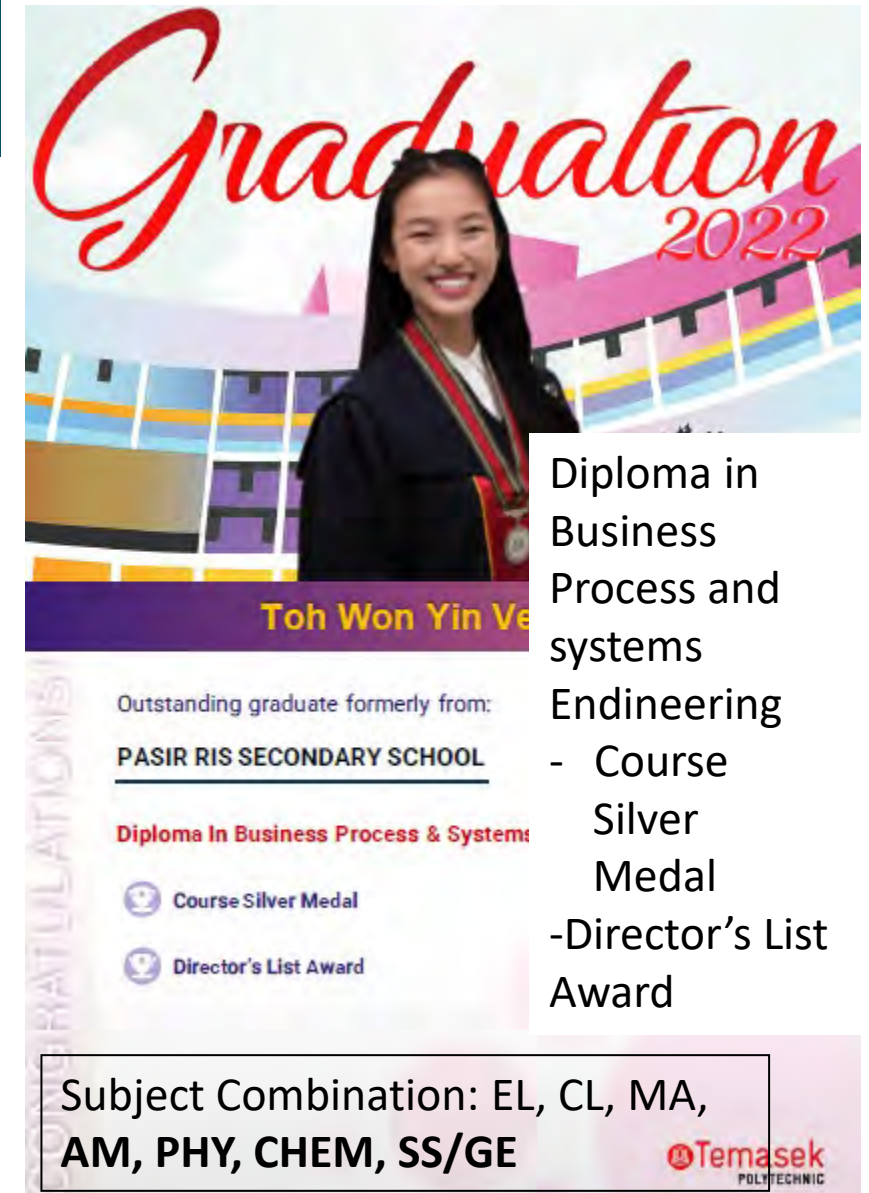
Meridien Junior College  
Degree. Communications  
and Business Studies  
(NTU)

Subject Combination: EL,  
MT, MA, **AM, PHY, CHEM,  
BIO, SS/GEOG**



Innova Junior College  
Reading Law at Murdoch  
University, Australia

Subject Combination: EL,  
MT, MA, **POA, SCI(P/C),  
SS/HIST, DnT**



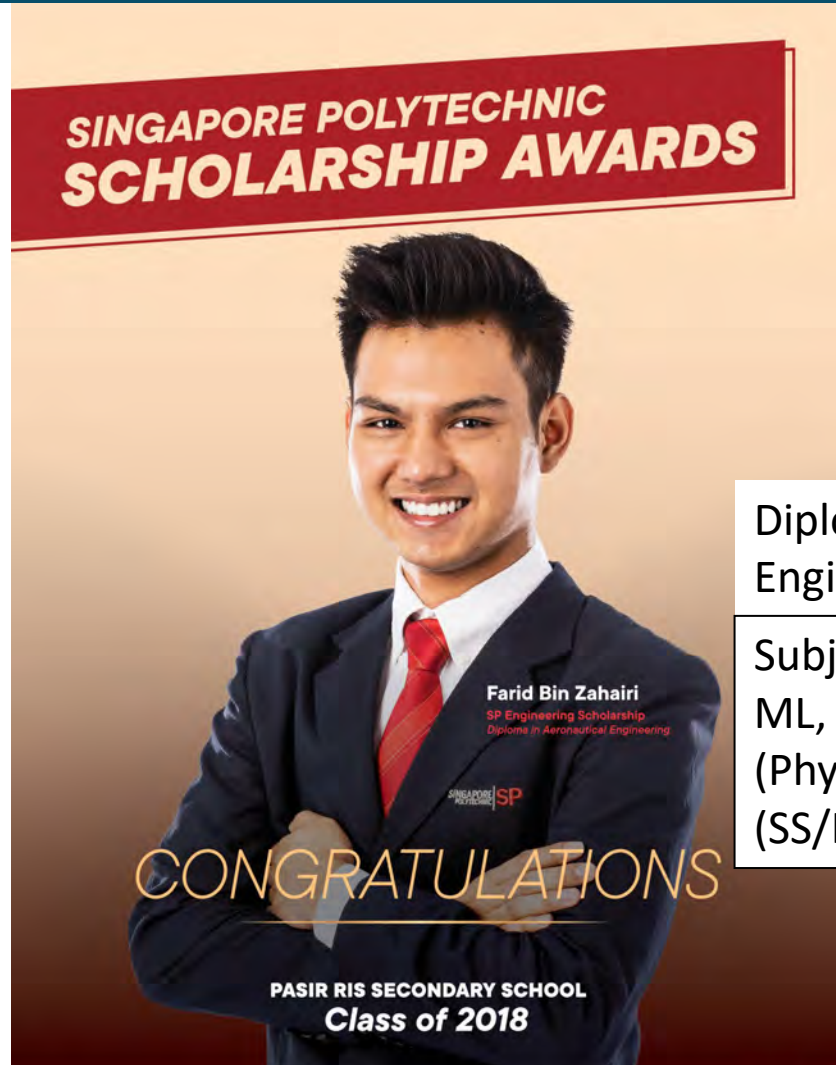
Diploma in  
Business  
Process and  
systems  
Engineering  
- Course  
Silver  
Medal  
-Director's List  
Award

Subject Combination: EL, CL, MA,  
**AM, PHY, CHEM, SS/GE**

**Temasek**  
POLYTECHNIC



# ALUMNI WHO CONTINUE TO EXCEL



Diploma in Aeronautical Engineering

Subject Combination: EL, ML, MA, **AM, Comb Sci** (Phy/Chem), **Comb Hum** (SS/Hist), **Pure Geog**



**Idlan Hakimi (5A1, 2020)**

Certified Pilot of Aeroviation Program

Subject Combination: EL, ML, MA, **Art, Comb Sci** (Phy/Chem), **Comb Hum** (SS/Geog)





TEMASEK POLYTECHNIC

# *Scholarship Award*

*Congratulations!*

PASIR RIS SECONDARY SCHOOL

Class of 2022

**SEAN LIM JUN WEI**

Temasek Polytechnic Scholarship (Engineering)  
Diploma in Electronics



TEMASEK POLYTECHNIC

# *Scholarship Awards*

*Congratulations!*

Pasir Ris Secondary School

Class of 2022

**HO WEI NING**

**OH JING KAI**

Temasek Polytechnic Scholarship (Engineering)  
Diploma in Aerospace Engineering



## 'Look within yourself, don't compare with others', Lawrence Wong urges young S'poreans in first youth engagement as PM



Prime Minister and Minister for Finance Lawrence Wong pose for a group photo with attendees at the IPS-VV Dialogue with Prime Minister on July 2, 2024.

BY RENALD LOH

Published July 2, 2024  
Updated July 3, 2024



## PM Wong tells students to follow their talents, says 'no need to compare with others' when choosing careers

*He urged youths in Singapore to focus on their own strengths and abilities.*

Seri Mazliana | July 02, 2024, 10:51 PM



<https://www.todayonline.com/news/look-within-yourself-dont-compare-others-lawrence-wong-urges-young-sporeans-first-youth-engagement-pm-2451431>



Join Mothership's Telegram channel

BHN



<https://mothership.sg/2024/07/pm-wong-dialogue-smu/>



# Role of Students and Parents

- ❑ Make an **informed choice**
- ❑ Know your **interests and strengths**, don't just follow your friends
- ❑ Student & parents to discuss on choice of subject combinations and **post-sec options**. Look beyond grades.
- ❑ Explore website of ITE, Polytechnics, JCs, etc for more info on post-sec requirements and programmes.
- ❑ If you need help, you may consult HTs or ECG career counsellor



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

mohammed\_syahril\_samsudin@  
schools.gov.sg





# Sec 3 Subject Combination Exercise

HOD/HUM Mr Sim Keng Yam



# MOE Promotion Criteria

All students must meet the promotion criteria to be promoted to the next level of study

Stream	Criteria for Promotion
2 Normal (Technical)	A pass in <b>2</b> subjects, one of which should be <b>English Language</b> or <b>Mathematics</b>
2 Normal (Academic)	A pass in <b>English Language</b> and <b>2</b> other subjects <u><b>OR</b></u> A pass in <b>4</b> subjects
2 Express	A pass in <b>English Language</b> <u><b>AND</b></u> a minimum of <b>50% for the average</b> of all subjects combined



## MOE Criteria for Lateral Transfer to a More Demanding Stream

Students must meet the criteria for lateral transfer to be transferred to a more challenging stream

Stream	Lateral Transfer to	Criteria for Lateral Transfer
Sec 2NA	Sec 3E	More than <b>70% or higher</b> in the <b>average for all subjects</b> and <b>deemed to be able to cope</b> with the Express Course
Sec 2NT	Sec 2NA	More than <b>70% or higher</b> in the <b>average for all subjects</b> and <b>deemed to be able to cope</b> with the Normal (Academic) Course



- Is it possible there's no options available for the child? Can child appeal for change of subject combination?
- Will the student have the opportunity to choose his/her favourite subjects for combination, and will the year end exam result be the key to decide if it's accepted?
- If my child doesn't qualify for his selected choice, will he be notified to choose another option or the school will assigned directly?

# Sec 3 Subject Combination Exercise




- ❑ Sec 3 Subject Combination Exercise provides students with opportunities to choose subject combination based on **academic merit** and **interest** in subjects offered.
- ❑ The subject combinations offered will help prepare our students to pursue post-secondary education courses at the various tertiary institutions including JCs, Polytechnics and the ITEs – supports students' aspirations.
- ❑ There is no "best" or "most prestigious subject combination. Students should choose one that is most ideal for based on interests, aptitude and aspiration for post-secondary education.



# Criteria for Allocation



- ☐ Overall academic performance (NA/Exp) at Sec 2
  - ☐ 6 subjects comprising EMS + 1Hum(Hist/Geog/Lit) + B2 (Art/DT/FCE/MTL/HMTL)
- ☐ For Electives, a good pass for relevant subjects (60 marks or better)
- ☐ Passion/Interest & preferred learning style (eg kinesthetic / tactile learners)
- ☐ Availability of the school resources eg number of subject teachers, food labs, etc

 Tentative Date/Period	Description of Activity
<del>28 Jun</del> <b>24 May</b>	Subject Combination Exercise Microsite launched Exercise timeline, subject combinations, details of Sec 3 subjects, consolidated FAQs
05 July	Subject Combination Briefing for parents
06 July (Saturday)	ECG Zoom Talk for parents (SH/CCE)
30 July (Assembly period)	Subject Combination Briefing to all Sec 2 classes + Q & A
Post exam activities (Oct)	Briefing to both Sec 2 HTs and students with regards to on-line system to select Subject Combinations
<u>Last Day of School</u> 25 Oct	<b><u>Issuing of letter for Subject Combination exercise</u></b> and report books.
29 Oct – 1 Nov	Online Subject Combination exercise 29 Oct, 0800h - 1 Nov, 2359h
08 Nov	Release of Subject allocation@ 8am
11-13 Nov	Appeal (Online) <b><u>Closes at 9am on 13 Nov</u></b>
18 Nov	Release of Appeal Results



Subject  
Combination  
Exercise  
2024

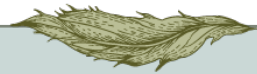
# 3 Express (Overview)



Option	1	2	3	4	5	6	7	8
A	English Language	Mother Tongue/ Higher Mother Tongue	Mathematics	Social Studies + Elective Geography or Elective History	Principle Of Accounts or Additional Mathematics	Science (Physics / Chemistry) or Science (Biology / Chemistry)	ART or D&T	
B	English Language	Mother Tongue/ Higher Mother Tongue	Mathematics	Social Studies + Elective Geography or Elective History	Principle Of Accounts or Additional Mathematics	Science (Physics / Chemistry) or Science (Biology / Chemistry)	# PURE GEOG or Pure HIST or Pure LIT	
C	English Language	Mother Tongue/ Higher Mother Tongue	Mathematics	Social Studies + Elective Geography or Elective History	Additional Mathematics	CHEMISTRY	PHYSICS or BIOLOGY	
D	English Language	Mother Tongue/ Higher Mother Tongue	Mathematics	Social Studies + Elective Geography or Elective History	Additional Mathematics	CHEMISTRY	PHYSICS	BIOLOGY
E	English Language	Mother Tongue/ Higher Mother Tongue	Mathematics	Social Studies + Elective Geography or Elective History	Additional Mathematics	CHEMISTRY	PHYSICS or BIOLOGY	# PURE GEOG or Pure HIST or Pure LIT

# Sample Subject Combinations

## Express Core Science



Compulsory Subjects	Humanities (Choose 1)	Additional Subjects (1 or 2)
<b>English Language</b> <b>Mother Tongue/Higher MT</b> <b>Mathematics</b> <b>Chemistry</b> <b>Additional Mathematics</b>	SOCIAL STUDIES + <b>GEOG ELECT</b>	<b>Pure Geography</b> <b>Pure History</b> Literature Physics* Biology*
	SOCIAL STUDIES + <b>HIST ELECT</b>	

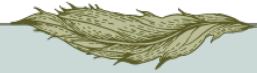
Students must read a **minimum of 7 subjects** for Express courses

For Pure Science combination, students must do a minimum of 2 Science subjects  
 Students can take a maximum of 2 Humanities subjects



# Sample Subject Combinations

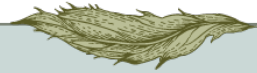
## Express Hybrid



Compulsory Subjects	Science (Choose 1)	Humanities (Choose 1)	Additional Subjects (Choose 2)
<b>English Lang</b> <b>Mother Tongue/Higher MT</b> <b>Mathematics</b>	Science (Chem/Bio)	SOCIAL STUDIES + GEOG ELECT	Pure Geography Pure History Literature Additional Maths <b>OR</b> POA D&T <b>OR</b> Art
	Science (Chem/Phy)	SOCIAL STUDIES + HIST ELECT	

Students must read a minimum of 7 subjects for Express courses  
 Students can take a maximum of 2 Humanities subjects

# 3 Normal Academic (Overview)

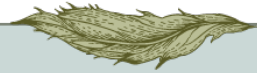


Compulsory Subjects	Humanities (Choose 1)	Additional Subjects (Choose 1)	Additional Subjects
English Language Mother Tongue Mathematics Science (Physics / Chemistry)	Social Studies + Elective Geography	POA Additional Maths	
	Social Studies + Elective History	D&T Art	Additional Mathematics*

Students must read a minimum of 6 subjects for Normal(Academic) courses

\*for 7 subject combination only

# 3 Normal Technical (Overview)



Compulsory Subjects	Additional subjects
English Language Mother Tongue Mathematics Computer Applications Science	Art <b>or</b> Design Technology <b>or</b> Elements of Business Studies (EBS) <b>or</b> Music

Students read 6 subjects for Normal(Technical) course

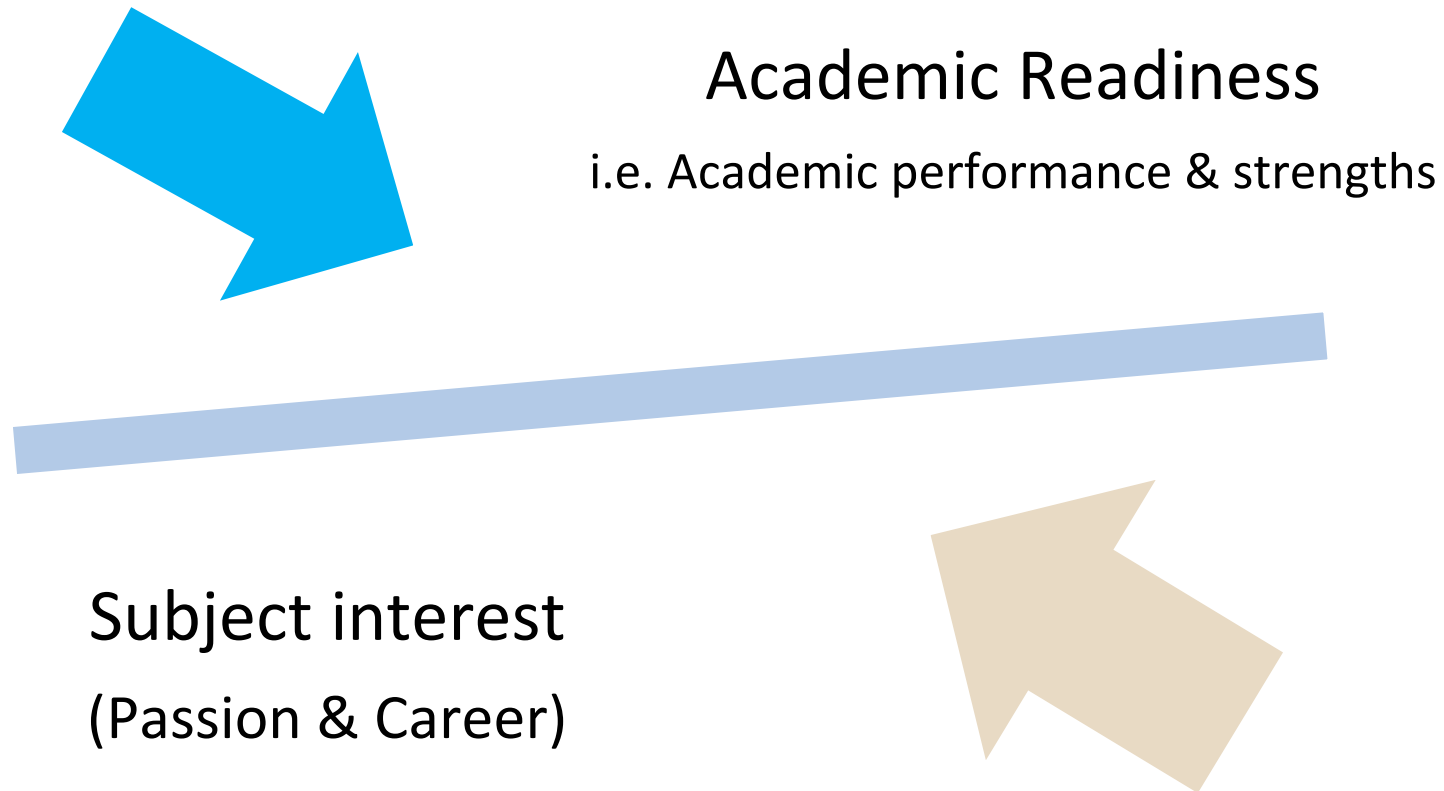




- How to choose the suitable subjects?
- What are the cut off marks to offer A Maths and Pure Sciences?
- Teacher will assist student for subject recommendation?

# HOW TO SELECT SEC 3 SUBJECT COMBINATION?

**What should you consider?**



# How you can help your child

- ❑ **Understand** your child's strengths and interests
- ❑ **Encourage** your child to make plans to achieve subject targets through consistent and conscientious effort
- ❑ **Guide** your child to develop a routine that allows him/her to spend sufficient time on learning, revision, CCAs, rest etc
- ❑ **Encourage** your child to do his/her best
- ❑ **Explore** post-secondary options and possibilities



# Do visit our Subject Combination Microsite for more resources!!



HOME / USEFUL LINKS / SUBJECT COMBINATION EXERCISE / SEC 3 SUBJECT COMBINATION EXERCISE

## Sec 3 Subject Combination Exercise

Subject Combination  
Exercise

Sec 3 Subject  
Combination Exercise

Considerations in  
choosing a subject  
combination

Subject combinations  
available at PRSS

Allocations of Subject  
Combinations

Education Career  
Guidance

Frequently Asked  
Questions

### Overview

Sec 3 Subject Combination Exercise provides students with the opportunity to choose a subject combination they would like to pursue at the Upper Secondary levels (in addition to the compulsory subjects they are required to take), based on academic merit first and interest in subjects offered.

This facilitates a deeper study in preferred subjects, preparing students for post-secondary education in JCs, Polytechnics, and ITEs. Hence, students should make their choices based on their aptitude, interest, career considerations, learning styles and dispositions.

The exercise will take place after the End-of-Year examinations, and the allocation of combinations is based on academic merit as demonstrated in the overall academic performance at Sec 2 and teacher recommendations.

All subject combinations offered are carefully curated to help pave the way for students to pursue post-secondary courses at the various tertiary educational institutions.



<https://www.pasirrissec.moe.edu.sg/subject-combination/>

Resource	Brief Description
My Skillsfuture Portal: ( <a href="https://myskillsfuture.gov.sg">https://myskillsfuture.gov.sg</a> )	A one-stop platform to understand yourself, interests and strengths. You can also explore various education and career pathways.
Day in the Life ( <a href="http://nyc.gov.sg">nyc.gov.sg</a> )	A website to check out bite-sized videos and information about the day in the life of more than 80 professionals.
On my way, Know it all <a href="http://nyc.gov.sg">Home (nyc.gov.sg)</a>	Lesser known facts, handy tips and answers to common questions about Careers in Singapore. This is a chance to explore the growing list of job roles in Singapore, to get an in-depth idea of what different jobs entail.
JAE website: <a href="https://www.moe.gov.sg/post-secondary/admissions/jae">https://www.moe.gov.sg/post-secondary/admissions/jae</a>	Contains essential information on JAE, such as an overview of the JAE process and timeline (the key stages and respective dates/periods).
Course Finder ( <a href="http://www.moe.gov.sg/coursefinder">www.moe.gov.sg/coursefinder</a> ) :	Explore courses offered by the polytechnics and Institute of Technical Education, based on aggregate type and area of interest. Interactive filters allow students to explore courses based on aggregate type, score and field of study and shortlist courses. Students can also access the course's minimum entry requirements, details about the course (modules and career prospects), etc.
School Finder ( <a href="http://www.moe.gov.sg/schoolfinder">www.moe.gov.sg/schoolfinder</a> )	Find school information such as contact details, JAE aggregate score range, subjects offered, CCAs and programmes offered by the junior colleges and Millennia Institute. Interactive filters allow students to shortlist schools based

# Ensuring no one is left behind



Students who received their...	Express	Normal (Academic)	Normal (Technical)	Overall
First choice	143/151 (94.7%)	73/76 (96%)	34/34 (100%)	250/261 (95.8%)
Second Choice	6 (4%)	3 (4%)	0	9/261 (3.5%)
Third Choice	2 (1.3%)	0	0	2/261 (0.7%)
None of their choices	0	0	0	0



# Booking of ECG Counselling Session with Mr Syahril

Scan the QR Code below



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

Link:

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

Email:

[mohammed\\_syahril\\_samsudin@schools.gov.sg](mailto:mohammed_syahril_samsudin@schools.gov.sg)



Do scan the QR code if you  
need to ask a question.



Go to  
**pigeonhole.at**

Enter passcode

**S7AED6**



Thank You