

# **Sec 2 Subject Combinations Briefing**

## **15 July 2022**





# Students

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## Sec 2 Subject Combinations



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  - PFP
  - DPP
  - 2021 National Examinations Result
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  - 2021 National Examinations Result
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# Key Messages

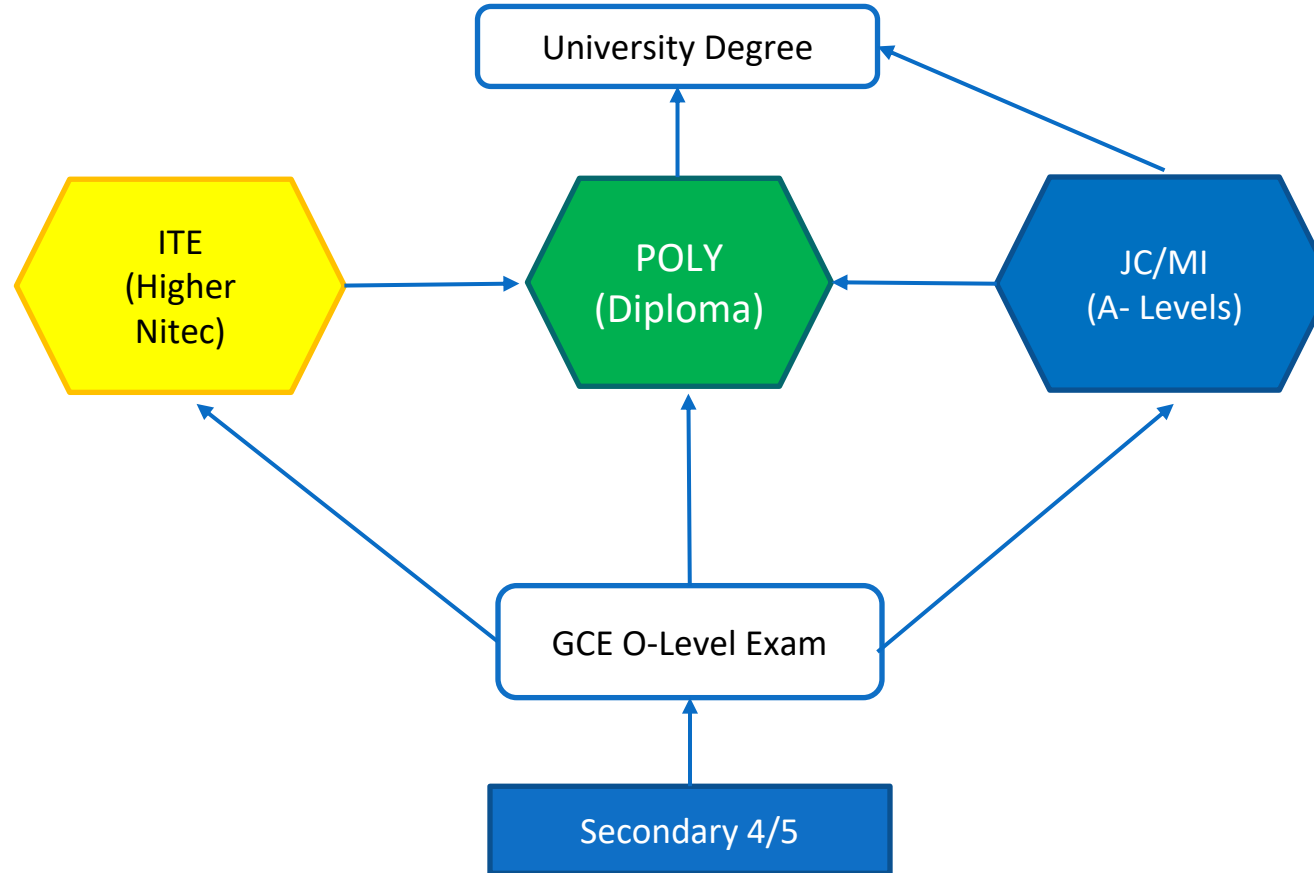
- Singapore's education system is **broad-based** to ensure holistic development, yet **flexible and diverse** to meet the needs of everyone
- There are **multiple educational pathways** to suit your child's needs, abilities and learning styles
- We need to help them find the pathway that is the **best fit** for them
- Parents / Guardian and School need to work together to help child / ward to make an **informed** choice



# Post-secondary education Express



# Information on Post-secondary education [Express ]



# Entry into JC or MI

## 2 possible ways



```
graph TD; A[2 possible ways] --> B[O-Level results meet the cut-off point]; A --> C[Direct School Admission (DSA-JC) - JCs recognise special talents and aptitudes through discretionary admission];
```

### O-Level results meet the cut-off point

To enter a JC:

L1R5 must be  $\leq 20$

To enter MI:

L1R4 must be  $\leq 20$

**Direct School Admission (DSA-JC)** - JCs recognise special talents and aptitudes through discretionary admission



# Entry Into Polytechnic

## 4 possible ways

Using O-Level results  
– Joint Admissions  
Exercise (**JA**E)

Through the Early  
Admissions Exercise  
(**E**A**E**)

For Sec 4 N(A)  
students, Direct Entry  
Scheme to Polytechnic  
Programmes (**D**P**P**)

For Sec 4 N(A)  
students, Polytechnic  
Foundation  
Programme (**P**F**P**)





# Information on Post-secondary education [Express]

## Admission to Junior Colleges (JC)

- To qualify for Junior Colleges , the student must meet the following :
  - L1R5 must not exceed aggregate score of 20
  - Meet the JC's cut-off point
  - Meet the grade requirements for specific subjects.

Grades for both Higher MTL (such as Higher Chinese, Higher Malay and Higher Tamil) and MTL (such as Chinese, Malay and Tamil) cannot be used in the same aggregate computation. For example, if Higher MTL is used as first language, MTL cannot be used as a relevant subject.

“Merit” and “Pass” grades for the Mother Tongue ‘B’ Syllabus (such as Chinese ‘B’, Malay ‘B’ and Tamil ‘B’) cannot be used for aggregate computation

Information on Direct School Admission for Junior Colleges (DSA – JC) can be found : <https://www.moe.gov.sg/post-secondary/admissions/dsa>

L1R5	SUBJECTS
L1	English Language / Higher Mother Tongue
R1	Humanities
R2	Mathematics / Science
R3	Humanities, Mathematics, Science
R4, R5	Any GCE O-Level subjects



# Information on Post-secondary education

## [Express]

### Admission to Millennia institute (MI)

- To qualify for Junior Colleges , the student must meet the following :
  - L1R4 must not exceed aggregate score of 20
  - Meet the grade requirements for specific subjects

Grades for both Higher MTL (such as Higher Chinese, Higher Malay and Higher Tamil) and MTL (such as Chinese, Malay and Tamil) cannot be used in the same aggregate computation. For example, if Higher MTL is used as first language, MTL cannot be used as a relevant subject.

“Merit” and “Pass” grades for the Mother Tongue ‘B’ Syllabus (such as Chinese ‘B’, Malay ‘B’ and Tamil ‘B’) cannot be used for aggregate computation

L1R4	SUBJECTS
L1	English Language or Higher Mother Tongue
R1 , R2	Any 2 of these subjects : Humanities, Higher Art, Higher Music, Mathematics, Science
R3, R4	Any 2 GCE O-Level subjects



# Information on Post-secondary education [Express]

## Admission to Polytechnics ( For admission in AY 2024 for express students )

You will need to meet **TWO** eligibility criteria:

1. A net ELR2B2 (English Language, two Relevant (R) subjects and two Best (B) subjects including CCA Bonus points) aggregate score of 26 points or better\*; and
2. The subject-specific Minimum Entry Requirements (MERs) for the specific course.

*\* Exception is for Nursing courses, which requires a net ELR2B2 aggregate of 28 points or better.*



# Information on Post-secondary education

## [Express]

### Step 1

You will need to obtain a net ELR2B2 aggregate score of 26 points or better\*

**EL**

English Language

**R2**

Two Relevant  
Subjects

**B2**

Two Best Subjects

\* Exception is for Nursing courses, which requires a net ELR2B2 aggregate of 28 points or better.

### Step 2

- You will need to take relevant subjects depending on the course type. There are 4 course types – A, B, C, and D, and courses are broadly categorised according to their nature

**A**

Humanities or Media  
courses

**B**

Business courses

**C**

Engineering, Science,  
Facility Management or  
IT courses

**D**

Architecture or design  
courses

- Besides meeting the minimum net ELR2B2 aggregate score, you will need to meet the subject-specific Minimum Entry Requirements (MERs) for the course.
- In general, the subject-specific MERs will comprise three subjects\*:

**EL**

a. English Language

**R2**

b. Two relevant subjects drawn from the R subject list for the associated course type



## ELR2B2: For Polytechnic Courses

Aggregate Type		ELR2B2 – A (Humanities , Media)	ELR2B2 – B (Business)	ELR2B2 – C (IT / Engineering / Science / Facility Management)	ELR2B2 – D (Architecture , Design)
EL		English			
R2	1 <sup>st</sup> Group of Relevant Subjects	<ul style="list-style-type: none"> <li>• Art</li> <li>• Geography</li> <li>• History</li> <li>• Humanities ( Social Studies , History)</li> <li>• Humanities ( Social Studies , Geography)</li> <li>• Music</li> </ul>	<ul style="list-style-type: none"> <li>• Elementary Mathematics</li> <li>• Additional Mathematics</li> </ul>		
	2 <sup>nd</sup> Group of Relevant Subjects	<ul style="list-style-type: none"> <li>• Additional Mathematics</li> <li>• Art</li> <li>• Chinese</li> <li>• Design and Technology</li> <li>• Elementary Mathematics</li> <li>• Geography</li> <li>• History</li> <li>• Humanities ( Social Studies , History)</li> <li>• Humanities ( Social Studies , Geography)</li> <li>• Higher Chinese/Malay/Tamil</li> <li>• Malay</li> <li>• Music</li> <li>• Principles of Accounts</li> <li>• Tamil</li> </ul>	<ul style="list-style-type: none"> <li>• Art</li> <li>• Geography</li> <li>• History</li> <li>• Malay/Tamil</li> <li>• Music</li> <li>• Humanities ( Social Studies , History)</li> <li>• Humanities ( Social Studies , Geography)</li> <li>• Principles of Accounts</li> </ul>	<ul style="list-style-type: none"> <li>• Design &amp; Technology</li> <li>• Exercise &amp; Sports Science</li> <li>• Biology</li> <li>• Chemistry</li> <li>• Physics</li> <li>• Science ( Chemistry , Biology)</li> <li>• Science ( Physics , Chemistry)</li> </ul>	<ul style="list-style-type: none"> <li>• Art</li> <li>• Biology</li> <li>• Chemistry</li> <li>• Design &amp; Technology</li> <li>• Physics</li> <li>• Science ( Chemistry , Biology)</li> <li>• Science ( Physics , Chemistry)</li> </ul>
B2	Best of 2 Other Subjects ( Excluding CCA)				

The school's subject combinations ensure that each child regardless of their choices will not lose out in applying to any of the polytechnic courses

# **2021 GCE O-Level Examination Results**



# Percentage of students with 5 or more 0 Level Passes

Level	2021
Sec 4E	92.0%
Sec 5NA	29.6%



# Eligibility for Higher Institutions

Level / Institutions	2021
4 Express Junior College or Pre U	77.9%
4 Express Polytechnics	94.5%
Sec 5 Normal Academic Polytechnics	55.6%





# 2021 GCE O-Level Examination 5 Normal Academic Results



# Sec 5 Normal Academic (% Pass)

	% Pass	% Dist
English Language	<b>74.1</b>	<b>N.A</b>
Chinese Language	<b>100.0</b>	<b>40.0</b>
Malay Language	<b>100.0</b>	<b>16.7</b>
Tamil Language	<b>100.0</b>	<b>20.0</b>
Humanities (Social Studies / Geography)	<b>60.0</b>	<b>6.7</b>
Humanities (Social Studies / History)	<b>75.0</b>	<b>N.A</b>



# Sec 5 Normal Academic (% Pass)

	% Pass	% Dist
Mathematics	<b>55.6</b>	<b>11.1</b>
Additional Mathematics	<b>100.0</b>	<b>N.A</b>
Science (Physics / Chemistry)	<b>76.5</b>	<b>11.8</b>
Science (Chemistry / Biology)	<b>40.0</b>	<b>N.A</b>



# Sec 5 Normal Academic (% Pass)

	% Pass	% Dist
Principles of Accounts	<b>93.3</b>	<b>N.A</b>
Art	<b>50.0</b>	<b>N.A</b>
Food and Nutrition	<b>80.0</b>	<b>20.0</b>



# 2021 GCE O-Level Examination 4 Express Results



# Sec 4 Express (% Pass)

	% Pass	% Dist
English Language	92.6	11.7
Literature in English	97.1	26.5
Chinese Language	98.0	34.0
Malay Language	100.0	45.8
Tamil Language	100.0	41.2
Higher Chinese	60.0	40.0
Higher Malay	100.0	N.A
Higher Tamil	100.0	16.7



# Sec 4 Express (% Pass)

	% Pass	% Dist
Mathematics	93.3	41.7
Additional Mathematics	91.6	39.5
Pure Physics	100.0	36.4
Pure Chemistry	91.9	35.1
Pure Biology	93.8	34.4
Science (Physics / Chemistry)	89.5	29.8



# Sec 4 Express (% Pass)

	% Pass	% Dist
Science (Chemistry / Biology)	88.1	29.9
Pure Geography	100.0	N.A.
Humanities (Social Studies / Geography)	89.5	31.6
Humanities (Social Studies / History)	92.4	12.1
Principles of Accounts	82.6	4.3
Design and Technology	94.9	17.9
Food and Nutrition	88.5	7.7





# Sec 4 Express (% Pass)

	% Pass	% Dist
Higher Art	100.0	N.A
Art	50.0	N.A
French	50.0	N.A
Thai	100.0	N.A
Higher Music	100.0	100.0
Music	100.0	100.0
Humanities (Social Studies / Lit in Tamil)	100.0	N.A



# Promotion Criteria



# Criteria for Movement of Students

## Express Course

<b>Level &amp; Course</b>	<b>Met Minimum Attainment Level:</b> <u>Pass in EL and a pass in overall percentage of all subjects combined</u>	<b>Did Not Meet Minimum Attainment Level</b>
Sec 2E	Promote to Sec 3E	Lateral Transfer to Sec 3NA



# 2022 Sec 3 Subject Combinations Express



# Express (2023)

	3E1 [30]			3E2 [30]	3E3	3E4	3E5
1	English Language			English Language	English Language	English Language	English Language
2	Mother Tongue Language			Mother Tongue Language	Mother Tongue Language	Mother Tongue Language	Mother Tongue Language
3	Mathematics			Mathematics	Mathematics	Mathematics	Mathematics
4	Additional Mathematics			Additional Mathematics	Additional Mathematics	Additional Mathematics	Additional Mathematics
5	Humanities Social Studies/History or Humanities Social Studies/Geography			Humanities Social Studies/Geography or Humanities Social Studies/History			
6	Chemistry			Chemistry	Science Chemistry/Biology	Science Physics/Chemistry	Science Chemistry/Biology
7	Physics			Physics	Literature in English or History	Design and Technology	Art / ESS
8	Biology	Geography	Literature in English				



# Exercise and Sports Science (ESS)

Elective



# Background

## Purpose of ESS

- ESS is an interdisciplinary subject where students will be grounded in sports science with an understanding of sociology in relation to sports.
- Students will have **a strong foundation to continue in areas of studies directly related to exercise, sports, health and wellness at post-secondary education institutes.**
- Through applying critical and inventive thinking, self-discipline to apply knowledge and skills to improve personal performance, and managing projects and deadlines, **the student will also be well-prepared to pursue other fields beyond exercise and sports in the post-secondary education.**



# Syllabus Aims

- Acquire and apply the knowledge in sports science to analyse, evaluate and improve performances in sports;
- Develop the movement concepts and motor skills to be proficient in sports performance;
- Understand the benefits and risks associated with physical exercise and sports to manage personal participation in physical activities; and
- Examine issues related to sports and participation in physical activities from socio-cultural and global perspectives.





# Areas of study under ESS

- Exercise Physiology
- Biomechanics
- Sports Psychology
- Sports Sociology
- Motor Learning and development
- Practical Activities (1 team / 1 individual or dual sport)



# Target Students

- 20 Express students, with adequate sporting background
- Preferably students with sports CCA



# Assessment

ESS will be assessed in two parts:

- a. Computer-based theory examination.
- b. Coursework consisting an assessment of practical performance in one individual sport and one dual/team sport. Students are required to complete an Individual/ Dual Practical Activity Log and a Team Practical Activity Log.
  - Students will be strongly encouraged to take up Badminton (Individual / Dual) an Netball (Team)
  - Students can choose other sports where feasible (e.g., Volleyball, Basketball)



# Streaming Exercise – Timeline



# Streaming Exercise – Timeline

Items	Date
Zoom Briefing with Parents	15 July 2022, 6pm Face to Face @ Yishun Secondary School
Uploading of Subject Information Booklet for respective levels	29 July 2022
Mock Streaming	15 – 19 August 2022
Actual Streaming	Term 4 Week 6
Sec 3 Posting Exercise	Term 4 Week 8
Release of Posting Result	Term 4 Week 8
Appeal	Term 4 Week 8/9
Release of Appeal Result	Term 4 Week 9



# End of Presentation

