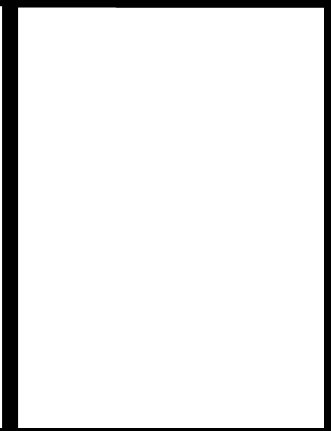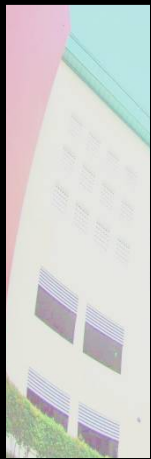**G.E.S.S**

ONWARD

FOUNDED A.D. 1885

Sec 2 Meet-Parent Session 2022

Normal (Academic) Course

Outline of Presentation

- Holistic Development of Gessians
- Post-Secondary Options
- Sec 3 Subject Combinations 2022
- Streaming Process and considerations
- Q & A

Life of a Gessian…

Leadership Development

CCAs

ICT-Based Lessons/ Activities

Our Belief In Holistic Education

Academic programmes

Character & Citizenship Education

Physical & Mental Wellness Activities

Not just about academic excellence!

begin WITH THE end IN mind
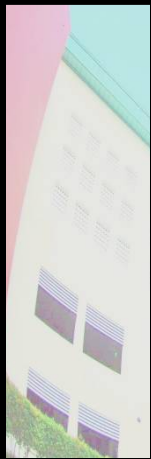
Normal Academic Course
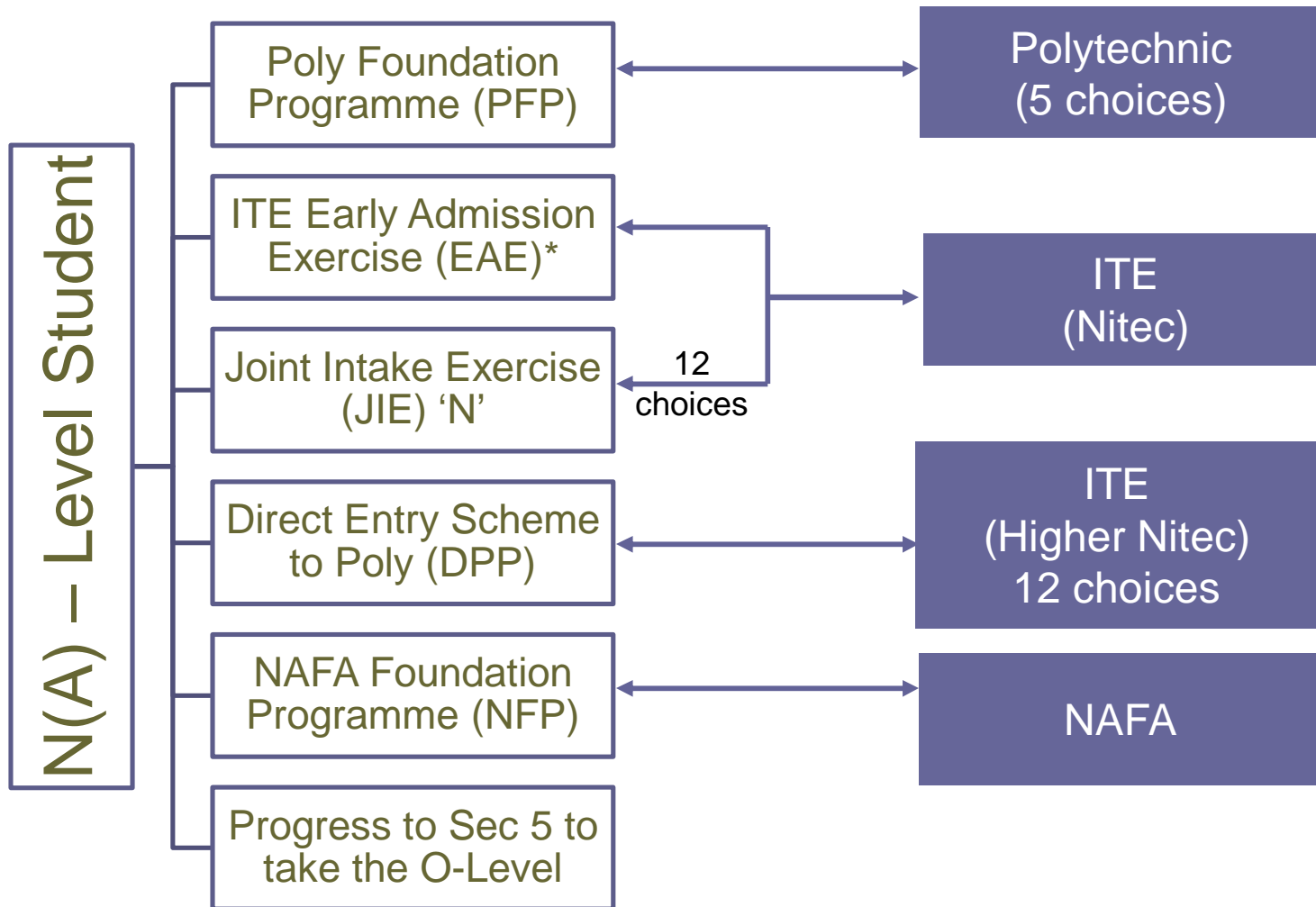
Promotion Criteria for 2N(A) to 3N(A)

Grade 5 or better in EL & 2 other subjects

Or

Grade 5 or better in any 4 subjects

Different Pathways, Many Choices for NA Course

N(A) – Level Student

- Poly Foundation Programme (PFP) ↔ **Polytechnic (5 choices)**
- ITE Early Admission Exercise (EAE)*
- Joint Intake Exercise (JIE) 'N' → **ITE (Nitec)** — 12 choices
- Direct Entry Scheme to Poly (DPP) ↔ **ITE (Higher Nitec) 12 choices**
- NAFA Foundation Programme (NFP) ↔ **NAFA**
- Progress to Sec 5 to take the O-Level

Polytechnic Diploma via Poly Foundation Programme (PFP)

■ The **Polytechnic Foundation Programme (PFP)** aims to prepare well-performing Sec 4N(A) students for progression into selected polytechnic diploma courses.

■Launched in 2013 as an alternative to Sec 5, the PFP is a diploma-specific foundation programme conducted over two academic semesters at the polytechnics by polytechnic staff.

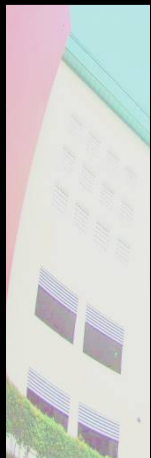Singapore Polytechnic

Ngee Ann Polytechnic

Temasek Polytechnic

Nanyang Polytechnic

Republic Polytechnic

- **All** five polytechnics offer the PFP.

- More than 80% of polytechnic diploma courses are offered under the PFP.

- For the full list of available courses, please refer to https://pfp.polytechnic.edu.sg/PFP/pfp_courses.html.

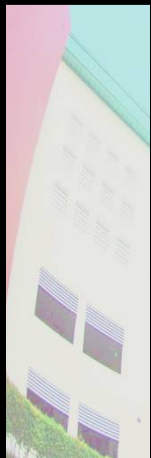Singapore Polytechnic

Ngee Ann Polytechnic

Temasek Polytechnic

Nanyang Polytechnic

Republic Polytechnic

Poly courses focus on the **development of industry-relevant competencies**

Curriculum is **practice-oriented** and allows the **building of a strong theoretical foundation** and enables **direct application of knowledge and skills to real work**

Students **graduate with a Diploma**
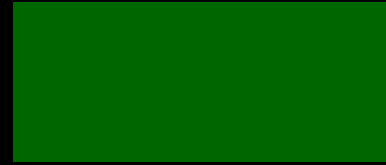
Singapore Polytechnic

Ngee Ann Polytechnic

Temasek Polytechnic

Nanyang Polytechnic

Republic Polytechnic
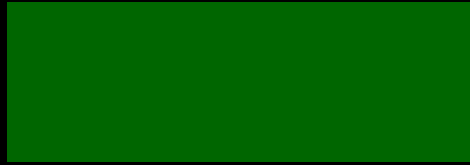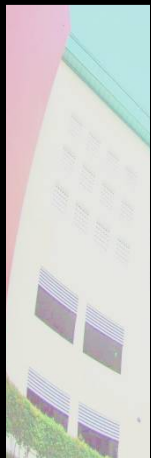
Course Clusters in Polytechnics

Engineering

Media & Design

Applied Sciences

Health Sciences

Humanities

01

03

05

07

09

02

04

06

08

Business & Management

Built Environment

Maritime Studies

Information & Digital Technologies
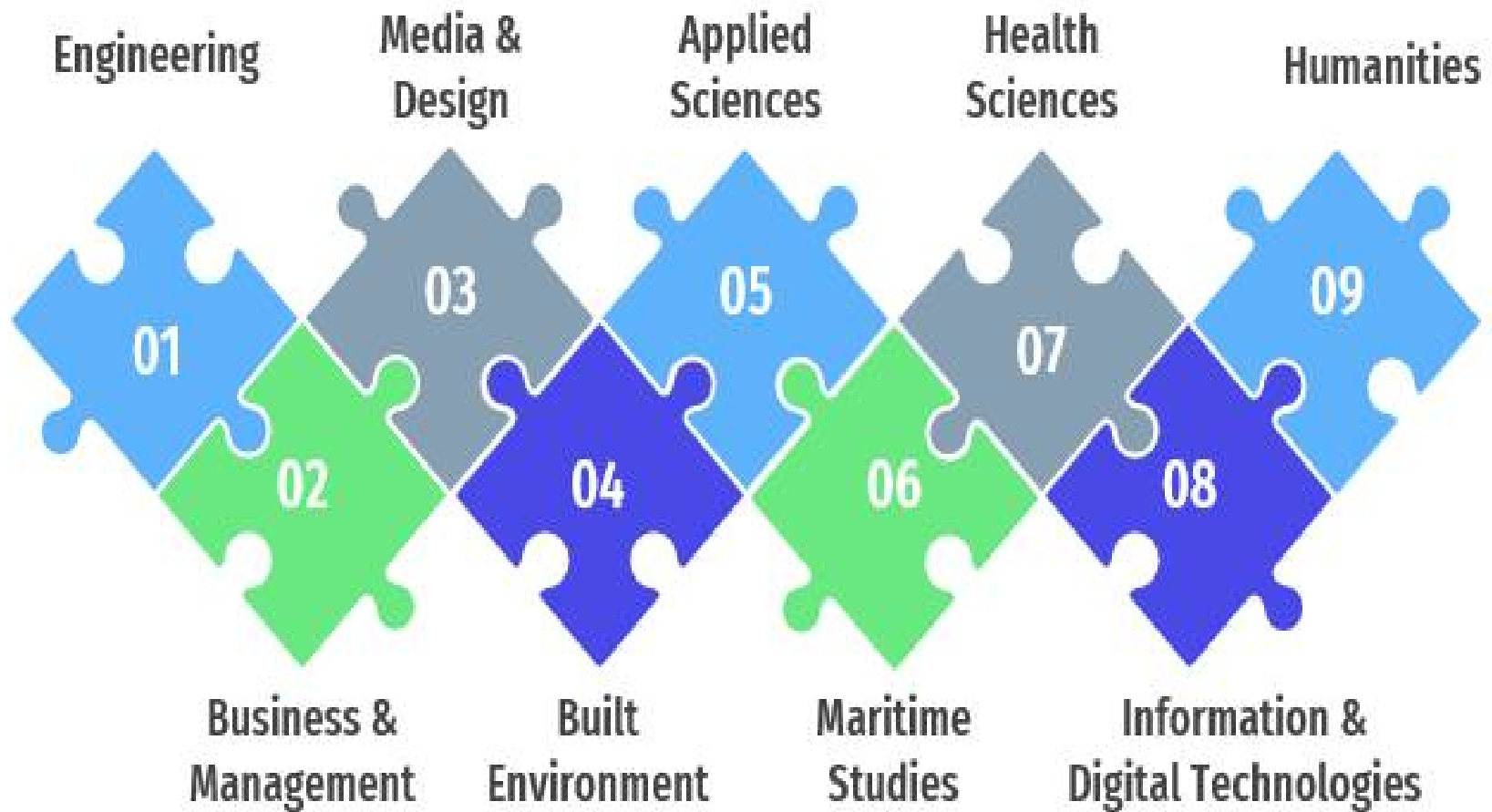
What to expect in the Polytechnic Education?

- The classes are more spread-out over the day.

- There are more group projects.

- There is a need for consistency and discipline to maintain grades, as the results are calculated **cumulatively** over the three years.

- There is strong emphasis on practice-based learning.

- There is a larger emphasis on soft skills such as communication, presentation, problem-solving, creative thinking skills.

- The Diploma prepares you for the world of work.

Requirement(s) to qualify for PFP

- Raw ELMAB3 ≤ 12 (excluding CCA bonus pts)
- ELMAB3: EL, MA and Best 3 Subjects

Group 1 (Science/Engineering/ICT/Design etc)		Group 2 (Business/Media/Humanities etc)	
Subject	**Minimum Grade**	**Subject**	**Minimum Grade**
EL Syllabus A	3	EL Syllabus A	2
MA Syllabus A; A MA	3	MA Syllabus A; A MA	3
1 of the following: - D&T - F&N - Sc (Chem + Bio) - Sc (Chem + Phy)	3	1 of the following: - Art - E Lit - History - Geography - Combined Humanities - POA	3
Any 2 other subjects	3	Any 2 other subjects	3

Application to Poly courses via PFP

Conversion Table: O-level Subject Grades to ELMAB3 equivalent	
O-level Grade	**Aggregate point for PFP (used in ELMAB3 score)**
A1 – B3	1
B4 – C6	2
D7	3

Bonus Points

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
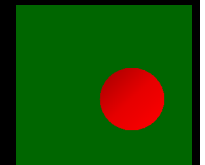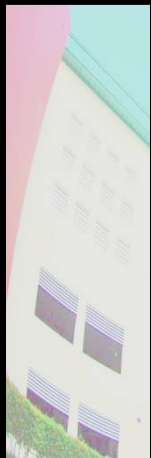
Higher Nitec Certificate via Direct Entry Scheme to Poly Programme(DPP)

Direct-Entry-Scheme to Polytechnic Programme (DPP)

- Proceed to Higher Nitec course at ITE

- May apply using 'N(A)' Level results & 'O'-Level prelim results (if applicable)
  - If student takes the same subject at both N- and O-Levels, the better grade will be used
  - Upon release of O-Level results, results will be verified to see if applicants have fulfilled the necessary criteria for continuation in the DPP

Direct-Entry-Scheme to Polytechnic Programme (DPP)

- Successful applicants will enrol in ITE in January for a 10-week preparatory course, before joining the Higher Nitec course in April

- Subsequently be **assured of a place in a related polytechnic course**, **subject to achieving the qualifying Grade Point Average (GPA)** score in Higher Nitec course

- Can apply for DPP & Nitec courses concurrently – 2 separate URLs on ITE website

DPP: Higher Nitec Courses offered today

Applied Sciences
Chemical Technology

Business & Services
Accounting
Financial Services
Event Management
Hospitality Operations
International Logistics
Leisure & Travel Ops
Service Management

Info-Communications Tech
Business Information Systems
Cyber & Network Security
Games Art & Design
IT Applications Development
IT Systems & Networks
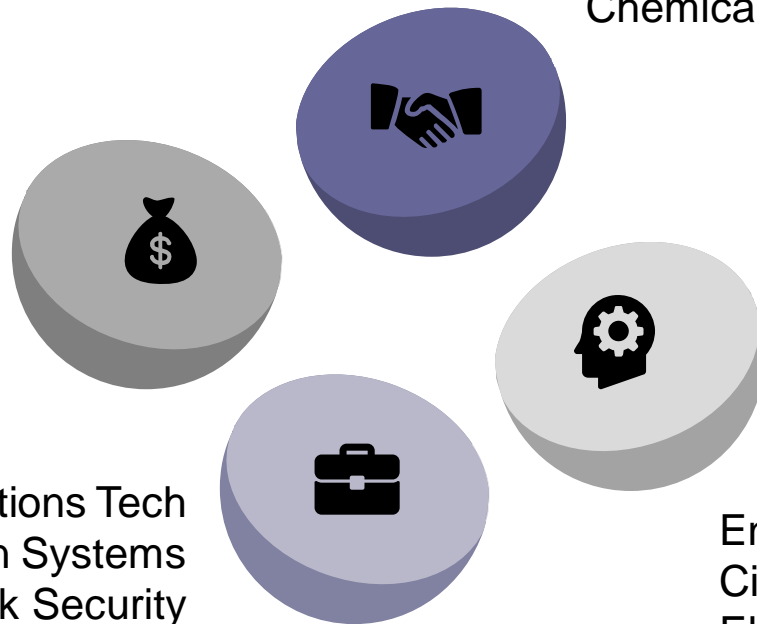
Engineering
Civil Structural & Eng Design
Electrical Engineering
Electronics Engineering
Mechanical Engineering
Mechatronics Engineering

DPP: Posting is based on merit

Looking at previous year's aggregate, a score of 16 to 19 may not secure a DPP place

2022 JIE Booklet Page 78

2-Year *Higher Nitec* Courses	Course Code	College Code	2021 JIE 'H' ELMAB3
Duration: 2¼ Years (*10 weeks of preparatory course followed by 2 years Higher Nitec training*)			
APPLIED SCIENCES			
Chemical Technology ②	FPCHT	CE-SM	8
ENGINEERING			
Civil & Structural Engineering Design ②	FPCSE	CE-SM	10
Electrical Engineering ①②	FPELE	CE-SM	14
		CW-CK	14
Electronics Engineering ①②	FPECE	CC-AM	13
		CE-SM	15
		CW-CK	15
Mechanical Engineering ②	FPMEC	CC-AM	11
		CE-SM	14
		CW-CK	14
Mechatronics Engineering ①②	FPMCE	CC-AM	12
		CW-CK	14
INFO-COMMUNICATIONS TECHNOLOGY			
Business Information Systems ②	FPBIS	CE-SM	10
Cyber & Network Security ②	FPNST	CC-AM	9
		CE-SM	11

A total of 19 points or less for English Language, Mathematics and 3 other subjects (ELMAB3) in the GCE 'N(A)' examinations

For the ELMAB3 aggregate score, you must get:
- Grade 1-4 in English Language
- Grade 1-4 in Mathematics
- Grade 1-5 in the 3 other subjects

DPP: 2021 Business Cluster EMB3

2022 JIE Booklet Page 78

INFO-COMMUNICATIONS TECHNOLOGY			
Business Information Systems ②	FPBIS	CE-SM	10
Cyber & Network Security ②	FPNST	CC-AM	9
		CE-SM	11
		CW-CK	11
Games Art & Design ②	FPGAD	CC-AM	9
IT Applications Development ②	FPIAD	CC-AM	9
		CE-SM	11
		CW-CK	11
IT Systems & Networks ②	FPISN	CC-AM	10
		CE-SM	11
		CW-CK	12

BUSINESS & SERVICES			
Accounting ②	FPACC	CC-AM	9
		CE-SM	11
		CW-CK	10
Event Management ②	FPBSE	CC-AM	10
		CE-SM	11
Financial Services ②	FPBNS	CC-AM	9
Hospitality Operations ②	FPHPO	CW-CK	12
International Logistics ②	FPLIT	CE-SM	11
Leisure & Travel Operations ②	FPLTO	CW-CK	11
Service Management ②	FPBSC	CW-CK	12

A total of 19 points or less for English Language, Mathematics and 3 other subjects (ELMAB3) in the GCE 'N(A)' examinations

For the ELMAB3 aggregate score, you must get:
- Grade 1-3 in English Language
- Grade 1-4 in Mathematics
- Grade 1-5 in the 3 other subjects

DPP: Qualifying *Higher Nitec* GPA for Progression to Polytechnics

Higher Nitec Courses	Progress to **1st** year in relevant Poly Diploma course*	Progress to **2nd** year in relevant Poly Diploma course*
Applied Sciences#	ITE raw GPA ≥ 2.5 points (excluding CCA bonus points^)	N.A.
Engineering and Info-Communications Technology#	ITE raw GPA ≥ 2.5 points (excluding CCA bonus points^)	ITE raw GPA ≥ 3.5 points (excluding CCA bonus points)
Business & Services	ITE raw GPA ≥ 3.0 points (excluding CCA bonus points^)	N.A.

DPP: Minimum Subject Grades

Secondary 4N(A) students who sat for their GCE N-Level examinations in 2021 as a school candidate and have met the following requirements are eligible to apply:

a. Obtained an ELMAB3 aggregate of 19 points or better (excluding CCA bonus points); **and**

b. Met the following course-specific entry requirements:

For Applied Sciences, Engineering and Info-Communications Technology courses:

GCE N-Level subjects	Minimum Required Grades
English Language Syllabus A	4
Mathematics (Syllabus A/ Additional)	4
Any three other subjects excluding CCA	5

For Business & Services courses:

GCE N-Level subjects	Minimum Required Grades
English Language Syllabus A	3
Mathematics (Syllabus A/ Additional)	4
Any three other subjects excluding CCA	5

NAFA Foundation Programme

What is it?

- The NFP is a through-train pathway for students who have done well in the Secondary 4 Normal (Academic) examination to be admitted directly in an arts institution in lieu of GCE 'O' Levels.
- When students enroll in the NFP, they will be offered provisional places in their pre-selected diploma course, and they will progress onto the first year of the course upon successful completion of the programme
- 35 weeks course (Mar – Feb) leading to 3 years Diploma
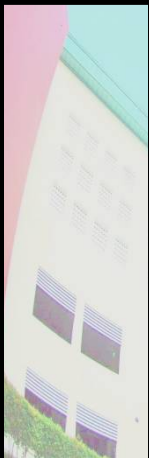- 50 places per year

Entry Requirements

- For Graduating Sec 4N(A) students
- Raw ELMAB3 ≤ 15

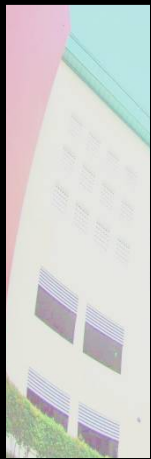- Pass Audition and Interview (if applicable)

Sec 5NA

Take GCE 'O' Level Examinations

Why choose a JC/MI?

- You prefer an in-depth study of a specific content area in academic studies.

- You prefer learning that is more conceptual and theoretical.

- You prefer a structured timetable with allocated lectures and tutorials.

- You prefer the routine of a school setting.

JC and MI: Admission Criteria

L1R5 : For Junior College Course		
L1	First Language -	English/Higher Mother Tongue
R5	Relevant Subject 1 -	Humanities/Higher Art/Higher Music/Malay (Special Programme)/Chinese (Special Programme)/Bahasa Indonesia
	Relevant Subject 2 -	Mathematics/Science
	Relevant Subject 3 -	Humanities/Higher Art/Higher Music/Mathematics/ Science/ Malay (Special Programme)/Chinese (Special Programme)/ Bahasa Indonesia
	Relevant Subject 4 -	Any GCE 'O' Level subjects (except Religious Knowledge)
	Relevant Subject 5 -	Any GCE 'O' Level subjects (except Religious Knowledge)

Gross
L1R5 ≤ 20
(before computation of bonus points)

L1R4 : For Millennia Institute Course		
L1	First Language -	English/Higher Mother Tongue
R4	Relevant Subject 1 -	Humanities/Higher Art/Higher Music/Mathematics/ Science/ Malay (Special Programme)/Chinese (Special Programme)/ Bahasa Indonesia
	Relevant Subject 2 -	Humanities/Higher Art/Higher Music/Mathematics/ Science/ Malay (Special Programme)/Chinese (Special Programme)/ Bahasa Indonesia
	Relevant Subject 3 -	Any GCE 'O' Level subjects (except Religious Knowledge)
	Relevant Subject 4 -	Any GCE 'O' Level subjects (except Religious Knowledge)

Gross
L1R4 ≤ 20
(before computation of bonus points)

JC and MI: 2020 Net L1R5 Aggregate

Table D-1 : L1R5 Aggregate Scores (with Bonus Points) of Students Admitted to JCs in the Previous Year's (2021) JAE

S/No	JC Name	Arts		Science/IB	
		Course Code	Previous (2021) JAE Net L1R5	Course Code	Previous (2021) JAE Net L1R5
1	Anderson Serangoon Junior College	39A	11	39S	11
2	Anglo-Chinese Junior College	22A	9	22S	8
3	Anglo-Chinese School (Independent)	-	-	51I	5
4	Catholic Junior College	23A	13	23S	13
5	Dunman High School	44A	9	44S	8
6	Eunoia Junior College	38A	8	38S	7
7	Hwa Chong Institution	24A	5	24S	4
8	Jurong Pioneer Junior College	40A	16	40S	15
9	Nanyang Junior College	26A	6	26S	6
10	National Junior College	27A	8	27S	7
11	Raffles Institution	28A	5	28S	4
12	River Valley High School	45A	9	45S	8
13	St. Andrew's Junior College	30A	11	30S	10
14	St. Joseph's Institution	-	-	52I	8
15	Tampines Meridian Junior College	41A	13	41S	13
16	Temasek Junior College	32A	9	32S	9
17	Victoria Junior College	33A	8	33S	7
18	Yishun Innova Junior College	42A	19	42S	20

Polytechnics:
Minimum Entry Requirements

Subjects	English Language	Math	Net ELR2B2
Grades	A1 to C6/D7*	A1 to C6/D7*	≤ 26

*Minimum Entry Requirement (MER) VARIES across courses.

Relevant Subjects (R2) vary from course to course.

Selected Cut-Off Points from JAE 2021

Name of Course	Polytechnic	Cut-Off for 2021 JAE
Biomedical Science	Ngee Ann	8
Pharmaceutical Science		9
Accountancy		11
Banking & Finance		11
Business Studies		9
Common Business		12
Aerospace Engineering		16
Cybersecurity & Digital Forensics		8
Data Science		11
Mass Communication		10

Selected Cut-Off Points from JAE 2021

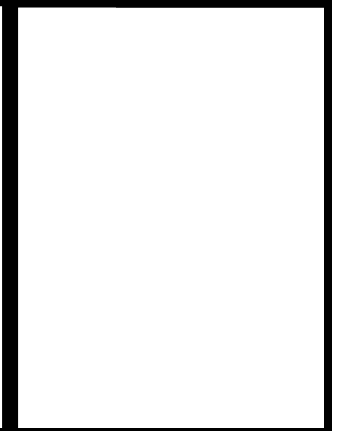| Name of Course	Polytechnic	Cut-Off for 2021 JAE
Biomedical Science		7
Perfumery and Cosmetic Science		12
Architecture		13
Accountancy		12
Banking & Finance	Singapore	12
Business Administration		13
Engineering with Business		12
Applied AI and Analytics		9
Infocomm Security Management		11
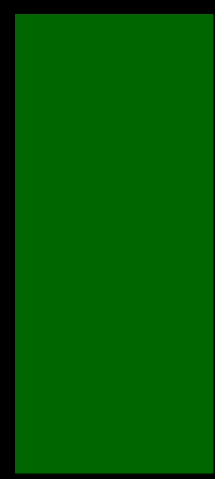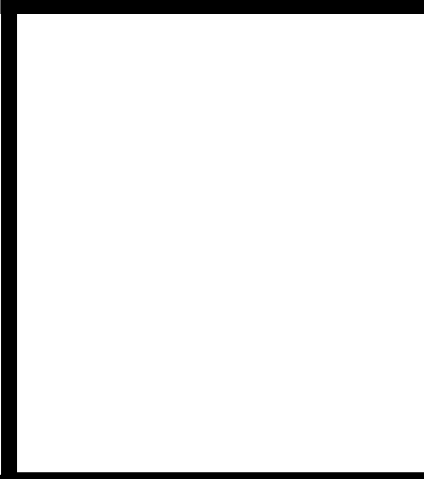
Sec 3 Subject Combinations 2023

GAN ENG SENG SCHOOL
Possible 2023 SEC 3 NORMAL ACADEMIC SUBJECT COMBINATIONS
(24 different possible combinations)

	Category A (4 possible combinations) 6 subjects	Category B (4 possible combinations) 6 subjects	Category C (4 possible combinations) 6 subjects	Category D (12 possible combinations) 7 subjects
Subject 1	English Language	English Language	English Language	English Language
Subject 2	Mother Tongue (MT)	Mother Tongue (MT)	Mother Tongue (MT)	Mother Tongue (MT)
Subject 3	Mathematics (Maths)	Mathematics (Maths)	Mathematics (Maths)	Mathematics (Maths)
Subject 4	Humanities: Social Studies + Geography or Social Studies + History	Humanities: Social Studies + Geography or Social Studies + History	Humanities: Social Studies + Geography or Social Studies + History	Humanities: Social Studies + Geography or Social Studies + History
Subject 5	Science (Physics & Chemistry) or Science (Biology & Chemistry)	Science (Physics & Chemistry) or Science (Biology & Chemistry)	Science (Physics & Chemistry) or Science (Biology & Chemistry)	Science (Physics & Chemistry) or Science (Biology & Chemistry)
Subject 6	Elective: Principles of Accounts (POA)	Elective: Design & Technology (D&T)	Elective: Nutrition and Food Science (NFS)	Elective: POA D&T NFS
Subject 7				Additional Mathematics

What was offered to students in 2022 based on students' choices while factoring in school resources and existing manpower.

	Class 1 7 subjects	Class 2 6 subjects	Class 3 6 subjects
Subject 1	English Language	English Language	English Language
Subject 2	Mother Tongue (MT)	Mother Tongue (MT)	Mother Tongue (MT)
Subject 3	Mathematics (Maths)	Mathematics (Maths)	Mathematics (Maths)
Subject 4	Humanities: Social Studies + Geography or Social Studies + History	Humanities: Social Studies + Geography or Social Studies + History	Humanities: Social Studies + Geography or Social Studies + History
Subject 5	Science (Physics & Chemistry)	Science (Physics & Chemistry) or Science (Biology & Chemistry)	Science (Physics & Chemistry) or Science (Biology & Chemistry)
Subject 6		Elective: o Design & Technology o Principles of Accounts o Nutrition and Food Science	
	Additional Mathematics		
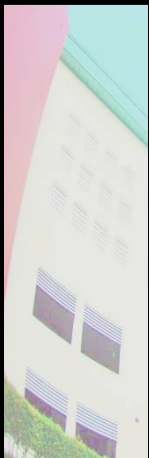
Basis Of Sec 3 Subject Allocation

Sec 3 subject allocation is based on:

- **Merit** (student's overall performance for 2022)

WA1+MYE+WA2+ AA+EYE

Term 1	Term 2	Term 3	Term 4
WA 1 (5%)	WA 2 (5%)	WA 3 (10%)	AA (10%)
	MYE (20%)		EYE (50%)

- Stipulated Criteria for each course

- Student's option

- Resource and Staffing

Timeline for Sec 3 (2023) Subject Allocation Exercise

08 April	Meet-the-Parents Session Objective: Communicate to students and their parents on subject combinations for 2023.
26 May	Release of Report Book after Mid-Year Exam & Student Interest Survey (Form SG) Objective: Allow the students and parents to know their strengths and areas for growth so that students can work on the targeted area(s) to meet the requirements of their desired course.
20 October	Release of Report Book after End of Year Exam and Option Exercise (Form SG) Objective: Allow students to select their desired course based on their overall academic performance and school's available resources.
08 November	Release of results for Sec 3 2023 Subject Allocation Exercise
By 11 November	Submission of and Processing Appeal Forms

Parents' Resources

- MOE has launched a website that provides tips and guidance on supporting your child/ward in their schooling years.

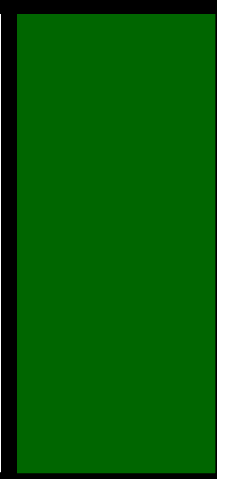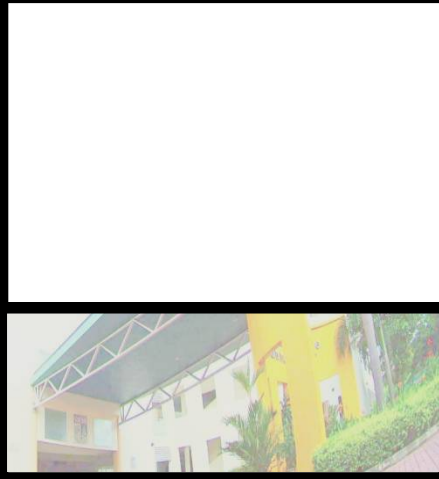 https://www.moe.gov.sg/parentkit
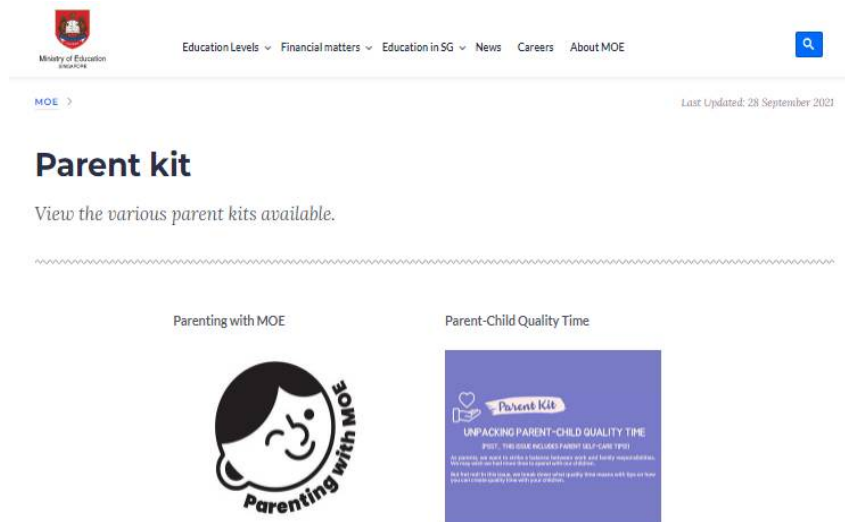
In Summary

1. Holistic development of your child/ward is important

2. Nurturing the right values is core to a child's growth and development

3. Complement school's efforts in establishing good study habits

4. There will be success when the choice is right for your child

ONWARD!

Q & A