Supporting Your Child's ECG Journey

Secondary 3 Normal (Academic)
Gan Eng Seng School
11 April 2025 (Friday)

Agenda

Changes in the World of Work and Education Landscape

Value of Education and Career Guidance (ECG)

Supporting Your Child's ECG Journey

Post-Secondary Education Pathways

Q&A

Changes in the World of Work and Education Landscape

Changes in the World of Work

Future of Jobs Report 2025

Disruption to skills

WORLD ECONOMIC FORUM

39% of workers' core skills will change by 2030

Source: World Economic Forum. (2025). *Future of Jobs Report 2025.*

Future of Jobs Report 2025

Core skills in 2025

WORLD ECONOMIC FORUM

1. Analytical thinking
2. Resilience, flexibility and agility
3. Leadership and social influence
4. Creative thinking
5. Motivation and self-awareness
6. Technological literacy
7. Empathy and active listening
8. Curiosity and lifelong learning
9. Talent management
10. Service orientation and customer service

Cognitive skills · Self-efficacy · Working with others · Management skills · Technology skills · Engagement skills

Note: The skills selected by surveyed organizations to be of greatest importance to workers at the time of the survey.
Source: World Economic Forum. (2025). *Future of Jobs Report 2025.*

Future of Jobs Report 2025

Top 10 fastest growing skills by 2030

WORLD ECONOMIC FORUM

1. AI and big data
2. Networks and cybersecurity
3. Technological literacy
4. Creative thinking
5. Resilience, flexibility and agility
6. Curiosity and lifelong learning
7. Leadership and social influence
8. Talent management
9. Analytical thinking
10. Environmental stewardship

Cognitive skills · Self-efficacy · Working with others · Management skills · Technology skills · Ethics

Note: The skills selected by surveyed organizations to be increasing most rapidly in importance by 2030.
Source: World Economic Forum. (2025). *Future of Jobs Report 2025.*

Source: https://www.weforum.org/publications/the-future-of-jobs-report-2025/infographics-94b6214b36/

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Recognition of Skills

THE BUSINESS TIMES

Low Youjin
Published Fri, Mar 28, 2025 · 10:30 AM

More employers looking beyond academic qualifications; nearly 8 in 10 vacancies don't require them

Manpower Ministry says skills-based hiring is gaining ground

[SINGAPORE] Employers in Singapore are increasingly placing less emphasis on academic qualifications when hiring, with nearly eight in 10 job vacancies in 2024 not listing them as the main consideration.

The *Job Vacancies Report* by the Ministry of Manpower (MOM) released on Friday (Mar 28) indicated that the proportion of vacancies where academic qualifications were not the primary hiring criterion went up to 78.8 per cent in 2024, up from 74.9 per cent in the previous year.

Source: https://www.businesstimes.com.sg/singapore/more-employers-looking-beyond-academic-qualifications-nearly-8-10-vacancies-dont-require-them

THE STRAITS TIMES

UPDATED FEB 21, 2023, 06:51 AM

How Singaporean Edwin Toh landed a top job in Google despite not having a degree

In this first of a four-part series on higher education's role in building a sustainable and resilient future, Sandra Davie talks to Google's Tom Dewaele on what the leading technology company looks for when hiring for the new economy, including the green economy.

Mr Edwin Toh began his New York career as an intern in a firm willing to take him on, and now works as a user experience engineer for Google in the city. PHOTO: GOOGLE

Source: https://www.straitstimes.com/singapore/how-singaporean-edwin-toh-landed-a-top-job-in-google-despite-not-having-a-degree

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Education Landscape – Multiple Pathways

Primary
6 years

Secondary
4-5 years

Post-Secondary

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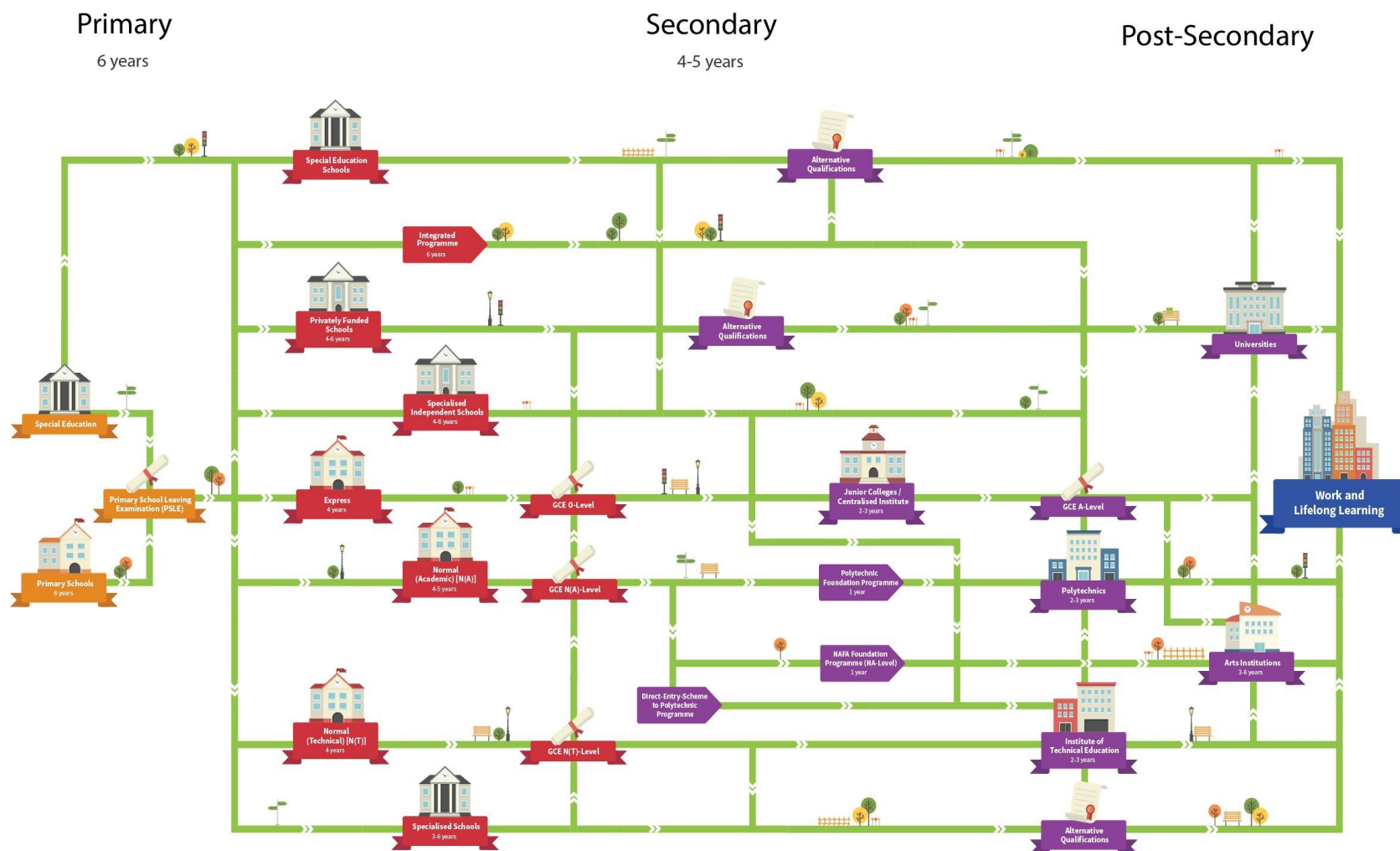
Changes in the Education Landscape

Primary	Secondary	Post-Secondary	Institutes of Higher Learning
Revised PSLE Scoring System - Achievement Levels scoring system	Implementation of Full Subject-Based Banding	Polytechnic Foundation Programme (PFP) students choose a cluster of interest instead of a specific diploma Increased access to Polytechnics. Students taking G3 subjects, or a mix of G3 and G2 subjects can join PFP Students can use a G2 subject to compute their ELR2B2 score for admission to Polytechnic Year 1 Streamlining of ITE curriculum to attain a Higher Nitec within a shorter time Offering of ITE Work-Study Diplomas Shorter Polytechnic Diplomas for A-Level Students Reduced number of subjects required for Junior College admission from six (L1R5) to five (L1R4) Expanding Direct School Admission-Junior College (DSA-JC) Opportunities	Expanding Aptitude-Based Admissions at Autonomous Universities Inter-disciplinary learning Offering of Work-Study Degrees Establishing University of the Arts

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Value of ECG

Questions Your Child May Have

Career Aspiration

What if I am unsure about my career aspiration?

I Don't Know

I don't know what I should do to develop my skills and portfolio. Where do I start?

Education Pathways / Choice of Course

Which post-secondary education pathway / course should I choose?

Aptitude-Based Admissions

Should I apply for Aptitude-Based Admissions? How do I do it?

How Can ECG Support Your Child?
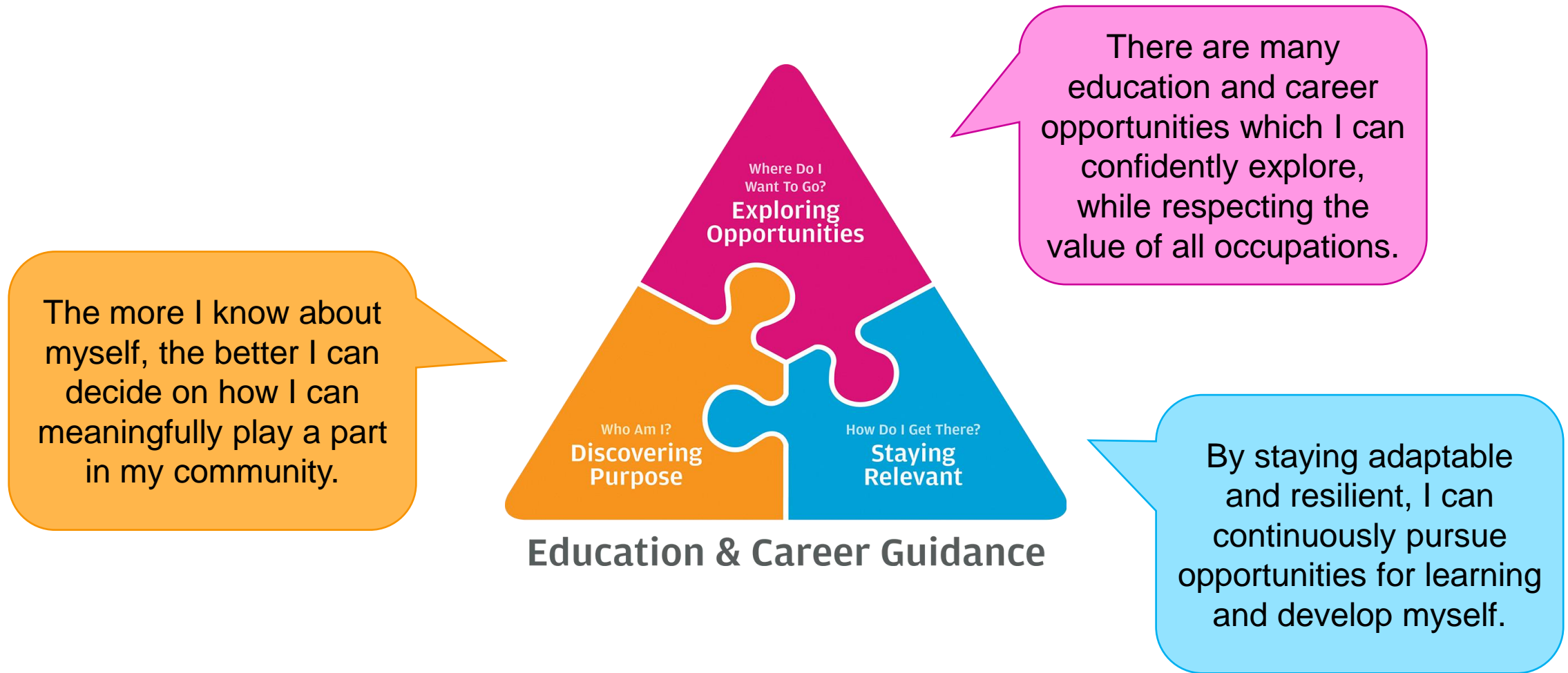
Discovering Purpose
Who am I?

Our world is full of challenges and opportunities.

We guide students to be more self-aware, and think about how they could use their strengths, interests, values, and personality to contribute to the community.

Source: ECG on the Move Travelling Exhibit

Exploring Opportunities
Where do I want to go?

Derrick Lee's Story

There are multiple pathways to success.

We encourage students' self-directedness and to have the confidence to explore opportunities and pathways available while respecting the value of all occupations.

Strong interest in coding, Photoshop, and multimedia tools. Delved into game development, teaching himself through online forum.

↓

After completing his N-Level, he wanted to gain relevant skills for the IT sector and ample exposure through industry internships instead of taking O-Level.

←

Joint Intake Exercise (JIE 'N')*
ITE 2-year Higher Nitec in Information Technology

↓

Nanyang Polytechnic → Information Systems at Singapore Management University (SMU) → Where is he now?

Note*: From AY2026, successful applicants of JIE 'N' would be enrolled into a 3-year Higher Nitec.

From Classroom Rebel to Tech Innovator: Derrick Lee's Journey of Code and Creation

Before his O-Level year, tech CTO Derrick Lee convinced his parents that enrolling in the IT programme at ITE would get him closer to starting his own company. And it did, when Accredify was born a few years later.

Source: Adapted from Schoolbag, 11 April 2023

"Every person has their own special skills, passions, and personality…
*When it comes to education, there's **no single formula that works for everyone.***
*That's why it's crucial to help students **take ownership of their learning**."*

Staying Relevant
How do I get there?

The need to stay relevant in a changing world.

We help students see the need to continue to learn and grow throughout their lives by building their adaptability, resilience, and other 21st Century Competencies.

Source: https://www.moe.gov.sg/-/media/files/secondary/syllabuses/cce/2021-character-and-citizenship-education-syllabus-secondary.pdf
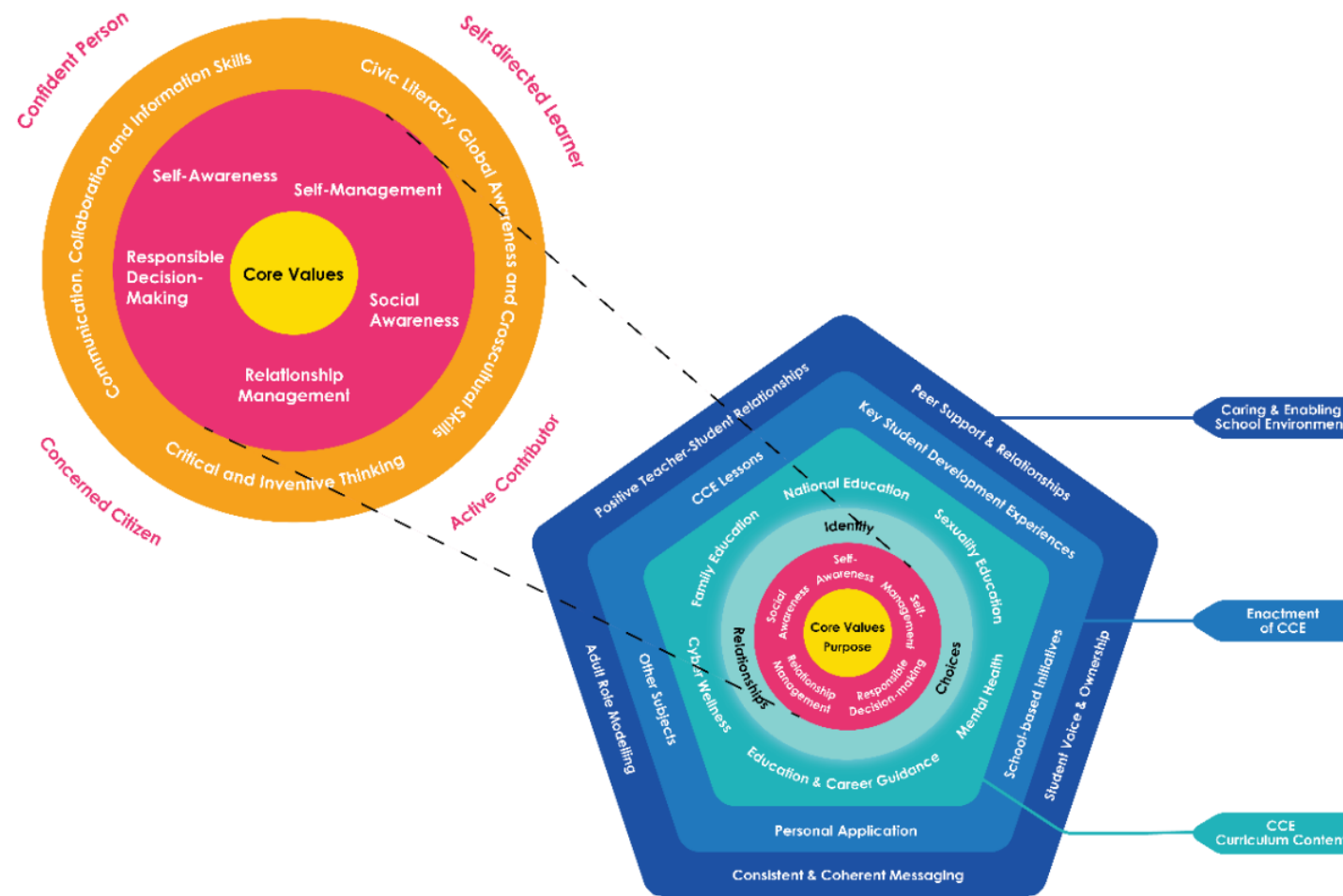
Supporting Your Child's ECG Journey

Parents' Role in ECG

Be a Facilitator / Supporter

I see myself as a facilitator and supporter instead of the "director" of my children's decisions.

Appreciate them for who they are

I recognise that my children are unique with their own values, interests, personality, sense of purpose, and strengths (VIPS).

Understand their VIPS

I am aware of the education pathways available and how they cater to my children's strengths and interests.

Believe in their growth

I believe that my children's abilities can grow through dedication and hard work.

Develop their resilience

I guide my children to set targets in working towards their goals and help them develop resilience by encouraging them to see mistakes and failures as opportunities for growth.

Appreciate all professions and contributions

I appreciate all professions and acknowledge their respective contributions to Singapore.

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Take a moment to reflect…

How well do we, as parents / guardians, know our children's education and career aspirations?

I have spoken to my child about his/her…

- ❑ Aspirations
- ❑ Interests
- ❑ Areas that he/she is good at / skilled in
- ❑ What he/she values / considers important in life
- ❑ Knowledge of current trends and developments in the world of work
- ❑ How he/she can prepare himself/herself to be future-ready

3 ECG Questions to Guide Your Child
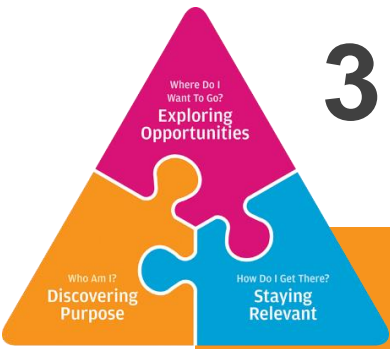
Who am I?
Discovering Purpose

- ✓ **Discover their values, interests, personality, and strengths (VIPS)**
- ✓ **Sense of purpose** and role in the community

Where do I want to go?
Exploring Opportunities

- ✓ **Explore educational and career possibilities/pathways**
- ✓ **Be open-minded** and prepared for possible opportunities

How do I get there?
Staying Relevant

- ✓ Develop S.M.A.R.T goals and action plans
- ✓ Research on updated school information
- ✓ Continue to learn and grow

Consult trusted adults (e.g. parents, teachers, ECG counsellor, etc.)

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Who am I? (Discovering Purpose)

MySkillsFuture Portal – Profiling Tools to Know Yourself

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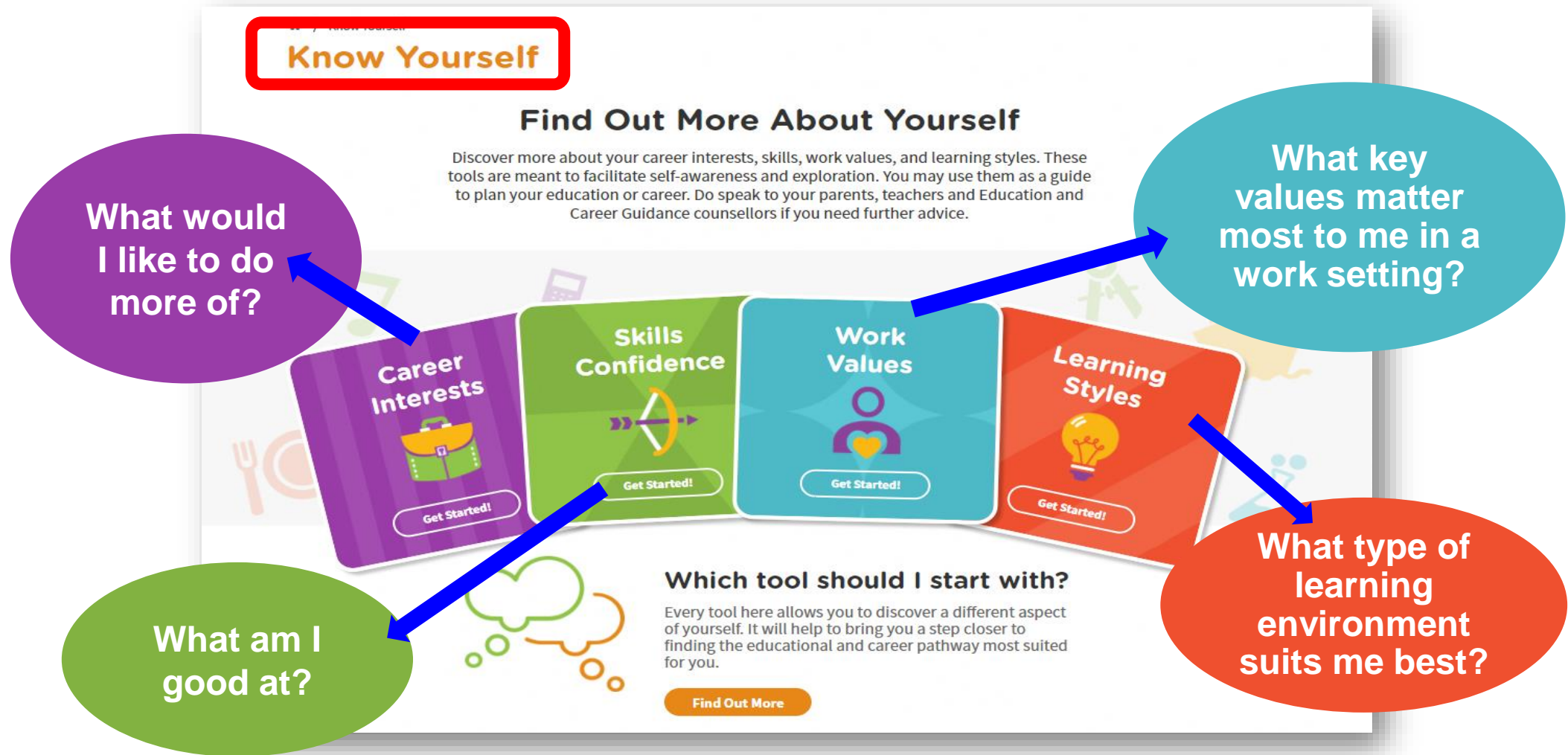
Who am I? (Discovering Purpose)

Support them as they discover their VIPS	Encourage reflection on experiences	Connect experiences
What do you enjoy doing? How would you describe yourself? How do others describe you? What are your strengths? What have people praised you for? What is important to you? What motivates you? What are the issues you feel strongly about?	What do you do in…? What do you like / dislike about…? How do you feel when…? What did you learn about…? What did you discover about yourself through…?	What have you learned in <Subject> that will be useful for <Jobs you like>? Is this an ability / skill / interest you want to develop further? Would you like to do something like that in your future job? Why?

Where Do I Want to Go? (Exploring Opportunities)

Designer?
Physiotherapist?
Programmer?
Urban Farmer?

Which occupation should I choose?

Creating new AI?
Improve Mental Health?
Improve Sustainability?
Distribute Wealth?

Sense of Purpose / Challenge

ICT?
Humanities/Arts?
Science/Engineering?
Business?

Which course should I choose?

MySkillsFuture Portal – World of Work

What are the different **industries** available?
What are the **occupations** within each?
What are the **skills** required?

Where Do I Want to Go? (Exploring Opportunities)

Exploring areas of interests	Prompt them to think beyond	Let your child be the expert
Which would be your top 3 aspirations? Why did you choose these? Are there others you have in mind? What are the skills / knowledge you wish to develop / gain? Would you prefer something more academic or hands-on and work-oriented?	What do you want from this career? What are the things important to you in a job? What would be some other jobs related to this role / industry? How can you find more information?	That's a job I don't know much about, could you tell me more what it does? How's the job prospect like? Could we find out and discuss more next time? What does this course offer? What will you be learning / experiencing?

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How do I Get There? (Staying Relevant)

Get your child to be responsible for his/her plan	Discuss with your child like they are adults
Which courses / qualifications do you think will lead you to this job? Are there any prerequisites / minimum entry requirements to apply to these courses? What steps can you take to work towards your goal? How can you better prepare yourself for this course / job? What are the possible ways/admissions to get to your course?	What 'game plan'/plan do you have in mind to work towards this course/career? Are there ways you can experience what the job is like? Are there practical constraints you may face? Eg. colour appreciation deficiency?

Post-Secondary Education Pathways

What's Next After Taking GCE N(A)-Level in 2026?

Where am I now?

What can I apply for?

Where do I want to go?

Students in N(A)-Level

- PFP → Polytechnic Diploma
- ITE EAE / JIE 'N' → ITE **3-Year Higher Nitec** *new*
- DPP → ITE 2-Year Higher Nitec
- NFP → NAFA Diploma
- Sec 5 → Refer to Singapore-Cambridge Secondary Education Certificate Progression (for students taking Sec 5 Year in 2027)

Aptitude-Based Admission

Merit-Based Admission

Education Pathways for Students Taking N(A)-Level in 2026

PFP Polytechnic Foundation Programme	DPP Direct-Entry-Scheme to Polytechnic Programme	ITE Higher Nitec Courses	NFP NAFA Foundation Programme	Sec 5 Singapore-Cambridge Secondary Education Certificate (SEC)
Apply PFP in Jan (PFP Portal)	Apply DPP in Dec/Jan (ITE Portal)	Apply ITE EAE in May or via JIE in Dec (ITE Portal)	Apply NFP in Dec (NAFA Portal)	Apply Sec 5 in Dec (School)
Raw ELMAB3 ≤ 12 + min. subj reqs	**Raw ELMAB3 ≤ 19** + min. subj reqs	**Best 4 N-level Subj** Including MER subj + CCA points (May need to attend course-related interview)	**Raw ELMAB3 ≤ 15** (Attend interview if English ≥ 4 and course related interview)	**Raw ELMAB3 ≤ 19** At least Grade 5 for all subjects used in ELMAB3 computation
Polytechnic 1-year Foundation + 3-year Poly Diploma	ITE 10 weeks + 2-year Higher Nitec	ITE 3-year Higher Nitec	NAFA 1-year Foundation + 3-year NAFA Diploma	Sec School 1-year Sec 5 SEC
	Raw GPA ≥ 2.5 or Raw GPA ≥ 3.0 or Raw GPA ≥ 3.5	For Poly (Mapped): Net GPA ≥ 2.5 or Raw GPA ≥ 3.5 (Guaranteed)		
	2- to 3-year Poly Diploma	• Poly Diploma • ITE Work Study Diploma or Technical Diploma		• JC/MI • Poly • ITE • Arts Institution

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Education Pathways for Students Taking N(A)-Level in 2026

PFP Polytechnic Foundation Programme	DPP Direct-Entry-Scheme to Polytechnic Programme	ITE Higher Nitec Courses	NFP NAFA Foundation Programme	Sec 5 Singapore-Cambridge Secondary Education Certificate (SEC)
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Raw ELMAB3 ≤ 12 + min. subj reqs	Raw ELMAB3 ≤ 19 + min. subj reqs	Best 4 N-level Subj Including MER subj + CCA points (May need to attend course-related interview)	Raw ELMAB3 ≤ 15 (Attend interview if English ≥ 4 and course related interview)	Raw ELMAB3 ≤ 19 At least Grade 5 for all subjects used in ELMAB3 computation
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Polytechnic Foundation Programme (PFP)

- From AY2026 intake onwards, PFP will be restructured to a 1-year cluster-based programme that offers eligible students in N(A) a practice-based preparatory pathway to a polytechnic education at one of the five polytechnics

- An alternative to the Secondary 5 year

- Caters to school candidates of the Secondary 4N(A) cohort in the preceding year

- Students may combine their N- and O-Level examination results to compute eligibility

- About 2,000 places set aside each year across all five polytechnics

- Students are given provisional places in diploma programmes if they pass all modules

Source: https://www.moe.gov.sg/post-secondary/admissions/pfp, https://www.moe.gov.sg/post-secondary/admissions/pfp-2026-intake, https://pfp.polytechnic.edu.sg/

Admissions to PFP
Restructured to cluster-based approach from AY2026

NEW

Allow students to explore their interests within a chosen cluster before deciding on a specific diploma course to pursue

From AY2026:
- Students will enter one of **three key broad clusters** before being posted to a specific diploma course based on merit and course choice (polytechnics will brief students on the posting process):
    - **Sciences**
    - **Design, Engineering & Technology (DET)***
    - **Humanities, Art, Media and Business (HAMB)**

*NYP and TP will also offer a 'Design sub-cluster' as their design courses are more specialised, while the other polytechnics (NP, RP and SP) will offer design as part of the 'Design, Engineering & Technology cluster'.

- Students will continue to be admitted to following specific diplomas:
    - **Diploma in Nursing**
    - **Diploma in Early Childhood Development & Education**
    - **Diploma in Tamil Studies with Early Education**

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NEW

PFP Clusters/Diplomas Offered by Polytechnics

	NP	RP	SP	NYP	TP
CLUSTER					
Sciences	✓	✓	✓	✓	✓
Humanities, Art, Media & Business	✓	✓	✓	✓	✓
Design, Engineering & Technology	✓	✓	✓		
SUB-CLUSTER — **Design**				✓	✓
SUB-CLUSTER — **Engineering & Technology**				✓	✓
SPECIFIC DIPLOMA					
Nursing	✓			✓	
Early Childhood Development & Education	✓				✓
Tamil Studies with Early Education	✓				

Full list of PFP clusters and diploma courses offered by each polytechnic: moe.gov.sg/-/media/files/post-secondary/pfp-courses-and-clusters-from-ay2026.pdf
For more info on courses and previous year's cut-off points, go to https://pfp.polytechnic.edu.sg/PFP/pfp_courses.html (pending updates for AY2026)
Source: https://www.moe.gov.sg/post-secondary/admissions/pfp-2026-intake

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PFP Requirements

- Raw ELMAB3 ≤ 12
- Prerequisite subjects for each cluster

	SCIENCES AND DESIGN, ENGINEERING & TECH (DET) CLUSTERS, INCLUDING DESIGN SUB-CLUSTERS; AND NURSING COURSES	HUMANITIES, ART, MEDIA AND BUSINESS (HAMB) CLUSTER; AND EARLY CHILDHOOD DEVELOPMENT & EDUCATION COURSES	Minimum Required Grade
	SUBJECTS		
EL	English Language		3
MA	Mathematics or Additional Mathematics		3
B1	Design and Technology Food and Nutrition/Nutrition and Food Science Science (Chemistry, Biology) Science (Physics, Biology) Science (Physics, Chemistry)	Art Geography History Humanities (Social Studies, Geography) Humanities (Social Studies, History) Humanities (Social Studies, Literature in English) Literature in English Principles of Accounts	3
B2	Any two other subjects		4
B3			

Source: https://www.moe.gov.sg/post-secondary/admissions/pfp-2026-intake

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Additional Requirements for Polytechnic Year 1

COURSES		REQUIREMENTS
EL	• Diploma in Mass Communication (NP) • Diploma in Mass Communication (RP) • Diploma in Communications & Media Management (TP) • Diploma in Law & Management (TP)	At least **Grade B** for **both** modules during PFP: • English Language & Communication 1 • English Language & Communication 2
CL	Diploma in Chinese Studies (NP)	• **Grade B4** for O-Level Higher Chinese / • **Grade B3** for O-Level Chinese / • **Grade 1** for N(A)-Level Chinese
	Diploma in Chinese Media & Communication (NP)	
TL	Diploma in Tamil Studies with Early Education (NP)	• **Grade B4** for O-Level Higher Tamil / • **Grade B3** for O-Level Tamil / • **Grade 1** for N(A)-Level Tamil
OTHERS	Diploma in Nautical Studies (SP)	**Pass** an interview and an eyesight test
	Diploma in Oral Health Therapy (NYP)	**Pass** a manual dexterity test.

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Education Pathways for Students Taking N(A)-Level in 2026

PFP	DPP	ITE Higher Nitec	NFP	Sec 5
PFP Polytechnic Foundation Programme	**DPP** Direct-Entry-Scheme to Polytechnic Programme	**ITE Higher Nitec** Courses	**NFP** NAFA Foundation Programme	**Sec 5** Singapore-Cambridge Secondary Education Certificate (SEC)
Apply PFP in Jan (PFP Portal)	Apply DPP in Dec/Jan (ITE Portal)	Apply ITE EAE in May or via JIE in Dec (ITE Portal)	Apply NFP in Dec (NAFA Portal)	Apply Sec 5 in Dec (School)
Raw ELMAB3 ≤ 12 + min. subj reqs	**Raw ELMAB3 ≤ 19** + min. subj reqs	**Best 4 N-level Subj** Including MER subj + CCA points (May need to attend course-related interview)	**Raw ELMAB3 ≤ 15** (Attend interview if English ≥ 4 and course related interview)	**Raw ELMAB3 ≤ 19** At least Grade 5 for all subjects used in ELMAB3 computation
Polytechnic 1-year Foundation + 3-year Poly Diploma	ITE 10 weeks + 2-year Higher Nitec	ITE 3-year Higher Nitec	NAFA 1-year Foundation + 3-year NAFA Diploma	Sec School 1-year + Sec 5 SEC
	Raw GPA ≥ 2.5 or Raw GPA ≥ 3.0 or Raw GPA ≥ 3.5	For Poly (Mapped): Net GPA ≥ 2.5 or Raw GPA ≥ 3.5 (Guaranteed)		
	2- to 3-year Poly Diploma	• Poly Diploma • ITE Work Study Diploma or Technical Diploma		• JC/MI • Poly • ITE • Arts Institution

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Direct-Entry-Scheme to Polytechnic Programme (DPP)

- Prepares students who completed Secondary 4N(A) for progression into selected Polytechnic Diploma courses via a 2-year Higher Nitec programme at the ITE

- An alternative to the Secondary 5 year

- Caters to school candidates of the Secondary 4N(A) cohort in the preceding year

- Admission to the courses is based on merit and choice, and subject to availability of vacancies

- Students may combine their N- and O-Level examination results to compute eligibility

- Students are guaranteed a place in the Polytechnic so long as they meet the requirements

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ELMAB3 ≤ 19

How does DPP work?

2-year Higher Nitec in ITE

Includes 10-week prep course

+

Achieving minimum qualifying Higher Nitec GPA

=

Assured of a place in a mapped Polytechnic course

DPP students who successfully complete the 2-year *Higher Nitec* courses and attain the required minimum qualifying 2-year *Higher Nitec* GPA are **guaranteed a place in the 1st Year** of relevant Polytechnic Diploma courses that are mapped to their 2-year *Higher Nitec* courses.

2-year Higher Nitec Courses	Progress to 1st Year in relevant Polytechnic Diploma Course	Progress to 2nd Year in relevant Polytechnic Diploma course*
Applied Sciences#	ITE raw GPA ≥ **2.5 points** (excluding CCA bonus points^)	N.A.
Engineering or 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.

*Students who meet the minimum qualifying GPA for **2nd Year entry** are not guaranteed admission into Year 2 of one of the mapped courses. Admission is **based on merit, subject to vacancies** in the courses.

Source: https://www.ite.edu.sg/docs/default-source/full-time-intake-pages-content/full-time-intake-exercises/jieh/jieh-2025-intake-entry-requirements.pdf

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DPP: 18 Higher Nitec Courses Offered

BUSINESS & SERVICES
- Accounting
- Business Administration
- Event Management
- Hospitality Operations
- Logistics & Supply Chain Management
- Customer Experience
- Tourism

APPLIED SCIENCES
- Bio-Chemical Technology

ENGINEERING
- Civil Structural & Eng Design
- Electrical Engineering
- Electronics Engineering
- Mechanical Engineering
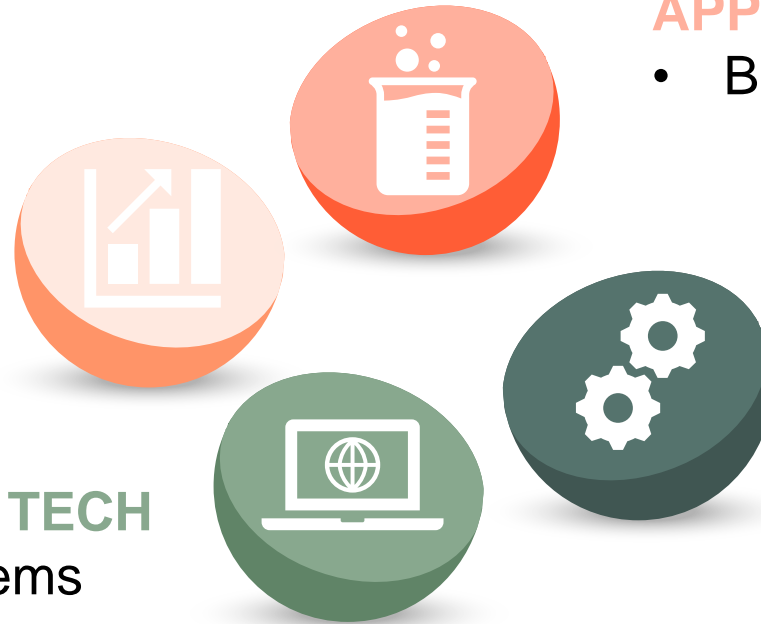- Mechatronics Engineering

INFO-COMMUNICATIONS TECH
- Business Information Systems
- Cyber & Network Security
- Immersive Applications & Game
- IT Applications Development
- IT Systems & Networks

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DPP Mapping to Polytechnic

2-year *Higher Nitec* DPP Course[2]	Mapped Polytechnic Courses for articulation from 2-year *Higher Nitec* DPP Course	Offered by	Minimum Qualifying GPA[3]	
			For Year-1 Entry	For Year-2 Entry
Engineering				
Electronics Engineering	Sustainable Built Environment	RP	2.5	-
	Common Engineering Programme	SP	2.5	-
	Computer Engineering	SP	2.5	3.5
	Electrical & Electronic Engineering	SP	2.5	3.5
	Architectural Technology & Building Services	TP	2.5	-
	Biomedical Engineering	TP	2.5	-
	Common Engineering Programme	TP	2.5	-
	Computer Engineering	TP	2.5	3.5
	Electronics	TP	2.5	3.5
	Integrated Facility Management	TP	2.5	-
	Mechatronics	TP	2.5	3.5

EXAMPLE

Source: dpp-courses-to-polytechnic-mapping-for-dpp-2025-intake.pdf

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Eligibility for DPP

- Raw ELMAB3 (English, Math, Best 3 Subjects) ≤ 19*

- Meet the Minimum Entry Requirements (MERs)

Am I eligible?

excluding CCA bonus points

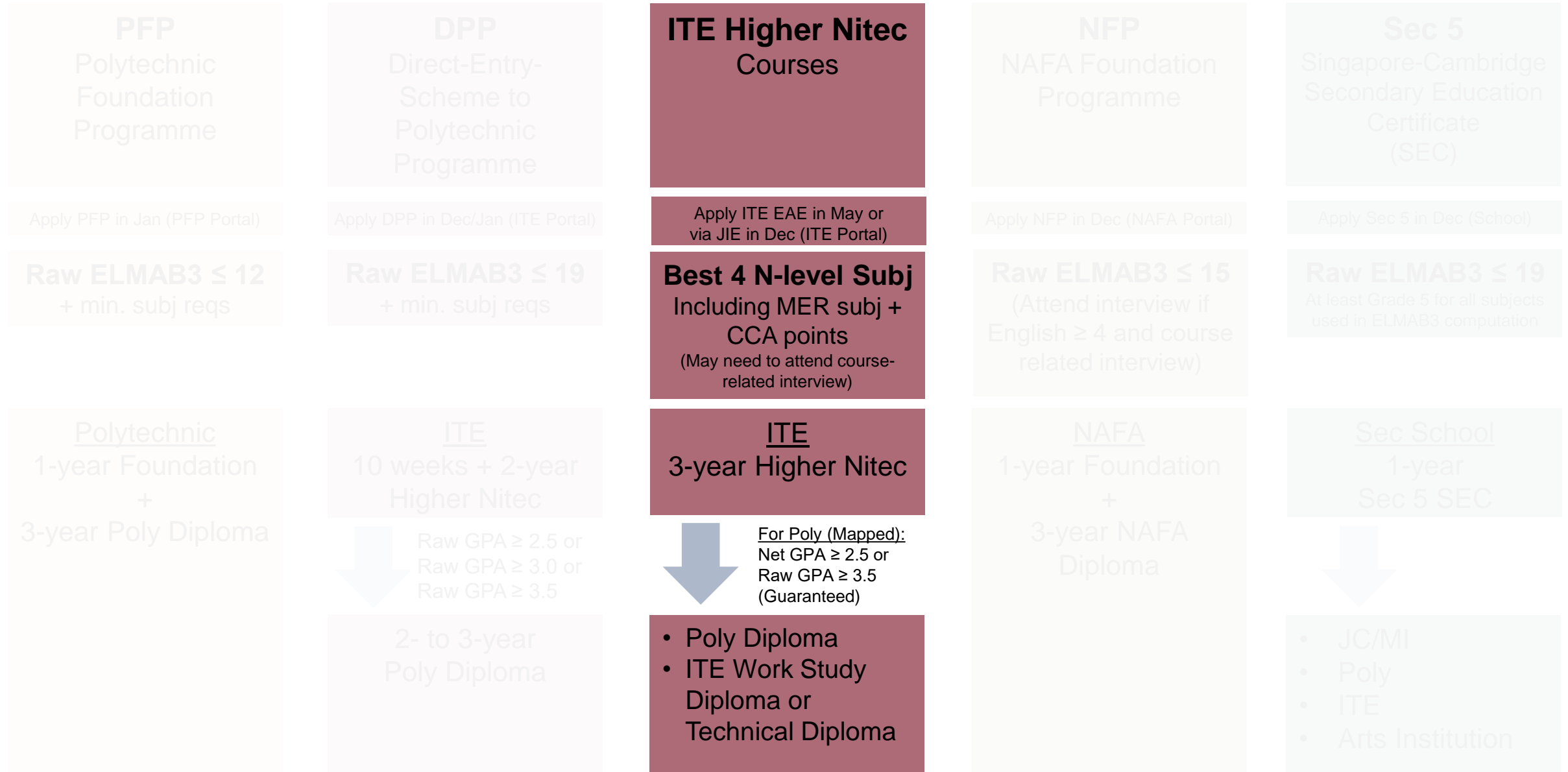| SUBJECTS	MINIMUM ENTRY REQUIREMENTS	
English Language	≤ 3 (Business & Services Courses)	≤ 4 (Applied Sciences, Engineering and ICT courses)
Mathematics	≤ 4	
Best Subject 1	≤ 5	
Best Subject 2	≤ 5	
Best Subject 3	≤ 5	

Posting to DPP is based on <u>Merit</u>

Eligibility does not guarantee placement

Looking at previous year's cut-off points, a net ELMAB3 score (including CCA bonus points) of **15 to 19** may not secure a DPP place

S/N	2-Year *Higher Nitec* Course	Course Code	College Code	2024 JIE 'H' Aggregate Score* Based on ELMAB3
1	Accounting	FPACC	CC-AM CE-SM CW-CK	8 10 10
2	Business Administration	FPBNS	CC-AM CE-SM CW-CK	9 9 7
3	Customer Experience (previously known as Service Management)	FPBSC	CW-CK	11
4	Event Management	FPBSE	CC-AM	9
5	Hospitality Operations^	FPHPO	CW-CK	11
6	Logistics & Supply Chain Management	FPLIT	CE-SM	11
7	Tourism	FPLTO	CW-CK	10
8	Bio-chemical Technology	FPCHT	CE-SM	7
9	Business Information Systems	FPBIS	CE-SM	10
10	Civil & Structural Engineering Design	FPCSE	CE-SM	10
11	Cyber & Network Security	FPNST	CC-AM CE-SM CW-CK	8 10 10
12	Electronics Engineering#	FPECE	CC-AM CE-SM CW-CK	13 14 14
13	Electrical Engineering#	FPELE	CE-SM CW-CK	14 14
14	Immersive Applications & Game	FPIAG	CC-AM	9
15	IT Applications Development	FPIAD	CC-AM CE-SM CW-CK	9 11 10
16	IT Systems & Networks	FPISN	CC-AM CE-SM CW-CK	10 11 11
17	Mechatronics Engineering#	FPMCE	CC-AM CW-CK	12 13
18	Mechanical Engineering	FPMEC	CC-AM CE-SM CW-CK	11 14 14

Education Pathways for Students Taking N(A)-Level in 2026

PFP Polytechnic Foundation Programme	**DPP** Direct-Entry-Scheme to Polytechnic Programme	**ITE Higher Nitec** Courses	**NFP** NAFA Foundation Programme	**Sec 5** Singapore-Cambridge Secondary Education Certificate (SEC)
Apply PFP in Jan (PFP Portal)	Apply DPP in Dec/Jan (ITE Portal)	Apply ITE EAE in May or via JIE in Dec (ITE Portal)	Apply NFP in Dec (NAFA Portal)	Apply Sec 5 in Dec (School)
Raw ELMAB3 ≤ 12 + min. subj reqs	Raw ELMAB3 ≤ 19 + min. subj reqs	**Best 4 N-level Subj** Including MER subj + CCA points (May need to attend course-related interview)	Raw ELMAB3 ≤ 15 (Attend interview if English ≥ 4 and course related interview)	Raw ELMAB3 ≤ 19 At least Grade 5 for all subjects used in ELMAB3 computation
Polytechnic 1-year Foundation + 3-year Poly Diploma	ITE 10 weeks + 2-year Higher Nitec	ITE 3-year Higher Nitec	NAFA 1-year Foundation + 3-year NAFA Diploma	Sec School 1-year + Sec 5 SEC
	Raw GPA ≥ 2.5 or Raw GPA ≥ 3.0 or Raw GPA ≥ 3.5	For Poly (Mapped): Net GPA ≥ 2.5 or Raw GPA ≥ 3.5 (Guaranteed)		
	2- to 3-year Poly Diploma	• Poly Diploma • ITE Work Study Diploma or Technical Diploma		• JC/MI • Poly • ITE • Arts Institution

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3-year Higher Nitec

All ITE courses are expected to transition to the new 3-year Higher Nitec structure by the AY2026 intake

- Graduate with a Higher Nitec in 3 years

- Gain deeper industry skills (3-month Industry Attachment [IA] in Year 2, and 6-month IA in Year 3)

- Get a stronger foundation for further education and skills education and skills upgrading

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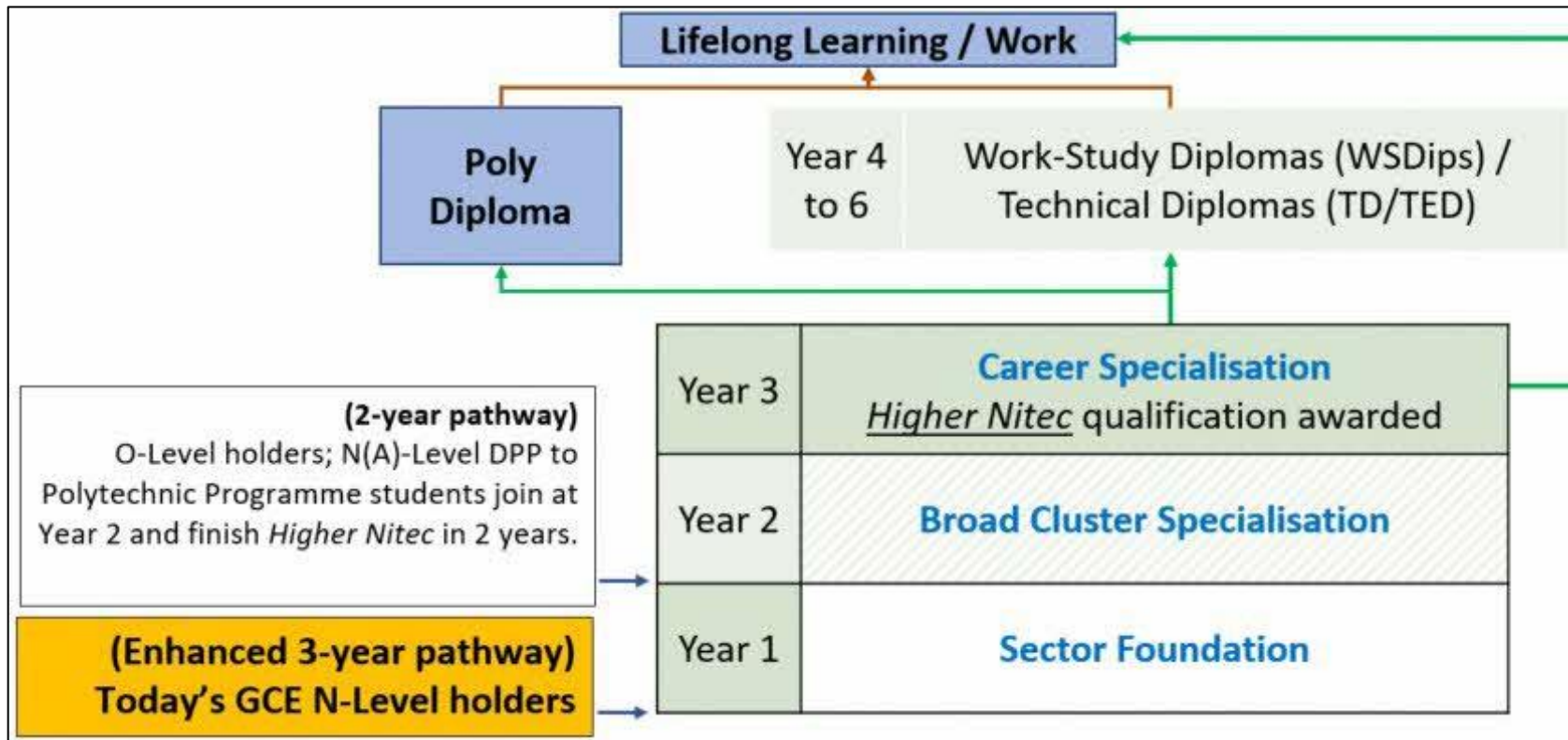
42 Higher Nitec (3-Year) Courses

School of Health Sciences — CE

- Higher Nitec in Community Care & Social Services
- Higher Nitec in Nursing
- Higher Nitec in Opticianry

School of Business & Services — CC, CE, CW

- Higher Nitec in Accounting
- Higher Nitec in Beauty & Wellness Management
- Higher Nitec in Business Administration
- Higher Nitec in Customer Experience*
- Higher Nitec in Event Management
- Higher Nitec in Hairdressing & Salon Management
- Higher Nitec in Logistics & Supply Chain Management
- Higher Nitec in Passenger Services
- Higher Nitec in Retail & Online Business
- Higher Nitec in Sport Management
- Higher Nitec in Tourism

School of Design & Media — CC

- Higher Nitec in Communication Design*
- Higher Nitec in Film & Video Production*
- Higher Nitec in Interior & Product Design*
- Higher Nitec in Technical Theatre & Production*
- Higher Nitec in Visual Merchandising*

School of Electronics & Info-comm Technology — CC, CE, CW

- Higher Nitec in AI Applications
- Higher Nitec in Business Information Systems
- Higher Nitec in Cyber & Network Security
- Higher Nitec in Data Engineering
- Higher Nitec in Electronics Engineering
- Higher Nitec in Immersive Applications & Game
- Higher Nitec in IT Applications Development
- Higher Nitec in IT Systems & Networks
- Higher Nitec in Operational & Information Technology*
- Higher Nitec in Security System Integration

School of Engineering — CC, CE, CW

- Higher Nitec in Applied Food Science
- Higher Nitec in Architectural Technology*
- Higher Nitec in Bio-Chemical Technology
- Higher Nitec in Chemical Process Technology
- Higher Nitec in Civil & Structural Engineering Design*
- Higher Nitec in Electrical Engineering*
- Higher Nitec in Facilities Management & Engineering*
- Higher Nitec in Integrated Mechanical & Electrical Design*
- Higher Nitec in Landscape Management & Design*
- Higher Nitec in Vertical Transportation*

School of Hospitality — CW

- Higher Nitec in Culinary Arts*
- Higher Nitec in Hospitality Operations*
- Higher Nitec in Pastry & Baking*

* wef January 2025 intake

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Examples of MERs for the 3-Year Higher Nitec Courses

ENTRY REQUIREMENTS	EXAMPLES OF 3-YEAR HIGHER NITEC COURSES	
3 GCE 'N' Passes (Grade A-D or Grade 1-5) in English Language, Mathematics and one other subject	• Nursing (Shortlisted applicants need to pass an admissions interview)	
3 GCE 'N' Passes (Grade A-D or Grade 1-5) in Mathematics and two other subjects	• Electrical Engineering*	
3 GCE 'N' Passes (Grade A-D or Grade 1-5) in English Language and two other subjects	• Accounting • Business Administration	• Sport Management+ • Pastry & Baking+
3 GCE 'N' Passes (Grade A-D or Grade 1-5) in Mathematics or Science and two other subjects	• AI Applications • Applied Food Science*	• Immersive Applications & Games • Opticianry
Completed GCE 'N' Level	• Communication Design* • Facilities Management & Engineering*	• Interior & Product Design* • Security System Integration*

Other requirements

*Applicants must be free from colour appreciation deficiency

+Applicants must pass a prescribed medical examination

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ITE Early Admissions Exercise

- **Aptitude-based admission** to ITE
  - Submit 100-word write-up
    - Why do you want to apply for the course? (e.g. course-specific aptitudes and interests)
    - How are your talents and skills relevant to the course? (e.g. Sports/Arts/Leadership/ Service/Entrepreneurship, etc.)
  - Interviews; Aptitude tests; Portfolio review

- **Provisional offering** of a place in ITE prior to N-Level exams

- Upon offer acceptance, students may not change to another 3-year *Higher Nitec* course during JIE, but can still apply for DPP or PFP if student is eligible

- Meet **Minimum Entry Requirements** (e.g. pass in English/Math/Science depending on the course requirements etc.)

Progression Pathways for Higher Nitec Graduates
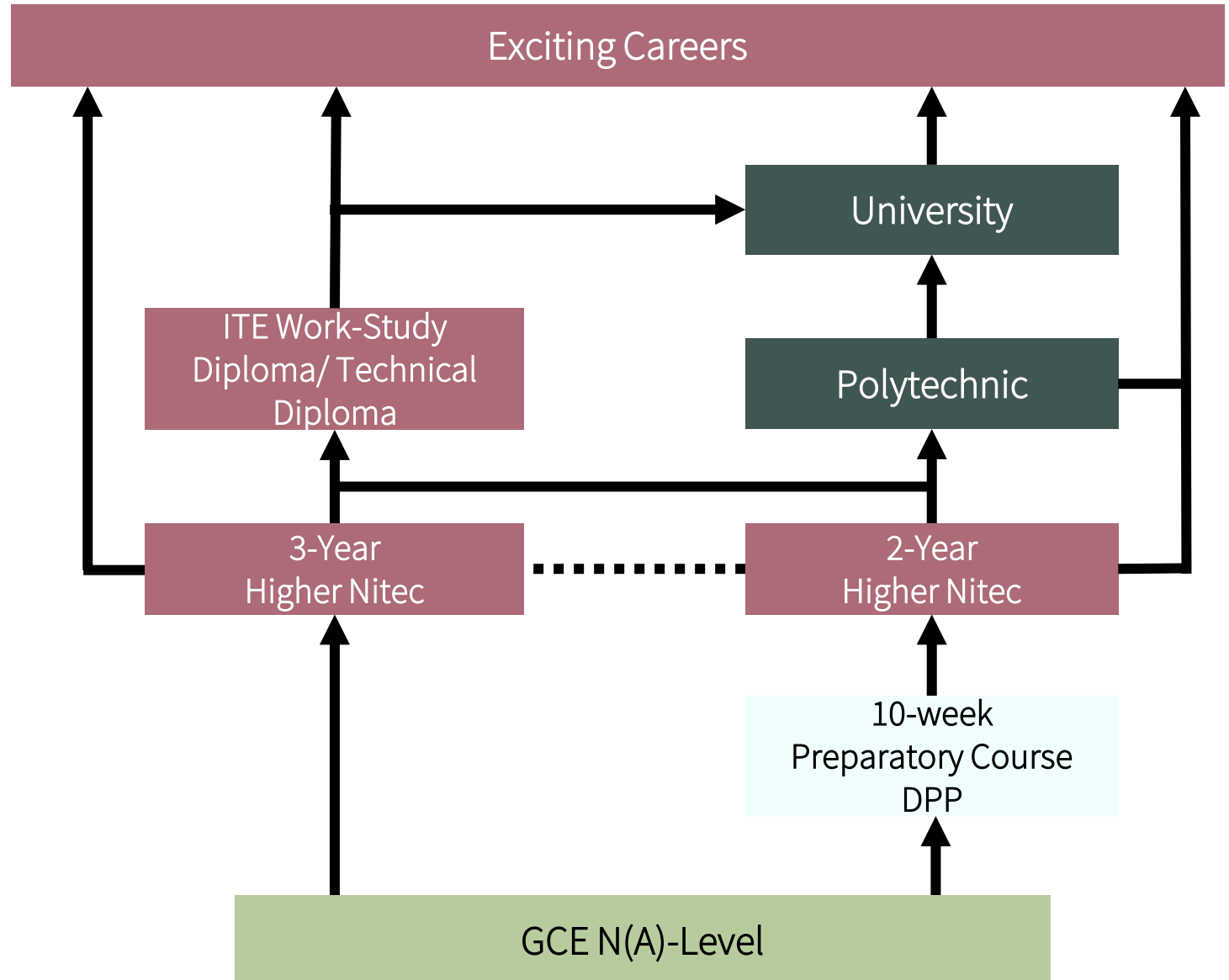

SINGAPORE BUDGET 2024

Support for ITE graduates

For ITE graduates **aged 30 and below**:

- **S$5,000 top-up** to Post-Secondary Education Account when an ITE graduate enrols in a diploma programme

- Further **S$10,000 top-up** to CPF Ordinary Account when the ITE graduate gets their diploma

Source: CNA, 16 Feb 2024
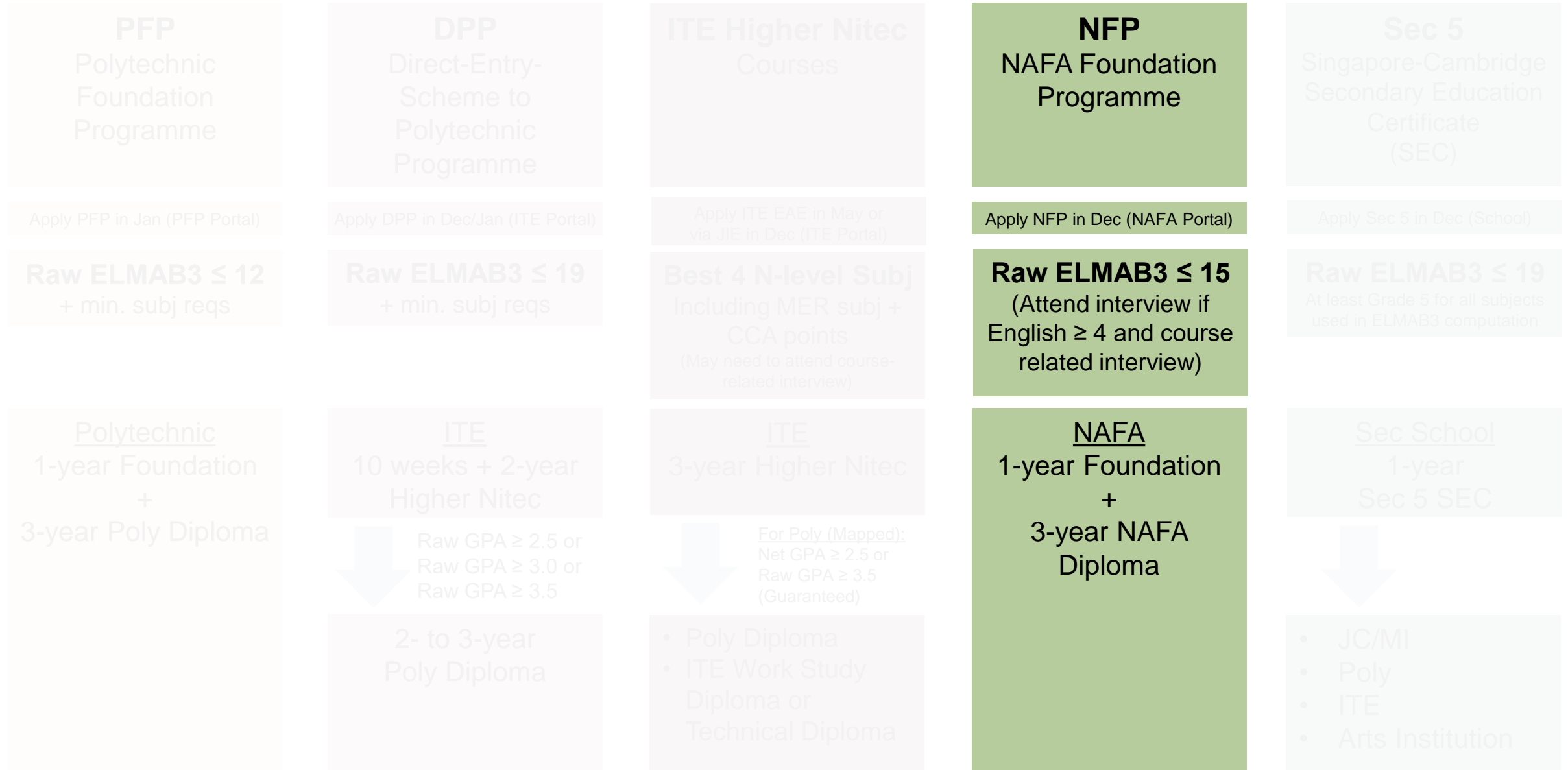
Exciting Careers

University

ITE Work-Study Diploma/ Technical Diploma

Polytechnic

3-Year Higher Nitec

2-Year Higher Nitec

10-week Preparatory Course DPP

GCE N(A)-Level

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Polytechnic Progression
for Higher Nitec Graduates from AY2027

1. Polytechnic admission will be guaranteed to **all Higher Nitec students with a minimum raw GPA of 3.5.**

    - Top 10% (~1,000) of Higher NITEC graduates across all courses will be guaranteed a place in a polytechnic diploma mapped* to their ITE course.
    - Those who wish to progress to an unmapped course can seek admission through the Early Admissions Exercise.

2. Polytechnic eligibility criteria: **net 2.5 GPA**

Note *: Please refer to updated course mappings for Joint Polytechnic Admission Exercise (JPAE) during the year of application.

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Education Pathways for Students Taking N(A)-Level in 2026

PFP	DPP	ITE Higher Nitec	NFP	Sec 5
PFP Polytechnic Foundation Programme	**DPP** Direct-Entry-Scheme to Polytechnic Programme	**ITE Higher Nitec** Courses	**NFP** NAFA Foundation Programme	**Sec 5** Singapore-Cambridge Secondary Education Certificate (SEC)
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Polytechnic 1-year Foundation + 3-year Poly Diploma	ITE 10 weeks + 2-year Higher Nitec	ITE 3-year Higher Nitec	NAFA 1-year Foundation + 3-year NAFA Diploma	Sec School 1-year Sec 5 SEC
	Raw GPA ≥ 2.5 or Raw GPA ≥ 3.0 or Raw GPA ≥ 3.5	For Poly (Mapped): Net GPA ≥ 2.5 or Raw GPA ≥ 3.5 (Guaranteed)		
	2- to 3-year Poly Diploma	• Poly Diploma • ITE Work Study Diploma or Technical Diploma		• JC/MI • Poly • ITE • Arts Institution

NAFA Foundation Programme (NFP)

- A 1-year foundation course for well performing students in Secondary 4N(A) to be admitted directly to NAFA

- Successful applicants will be given a **conditional offer of admission** to the 3-year diploma courses

- Upon the successful completion of the NFP, students will be offered a place in their chosen diploma course (e.g. 3D Design, Design and Media, Fashion, Fine Art, Arts Management, Dance, Music, and Theatre)

- Raw Score ELMAB3 ≤ 15 points

- English ≥ 4 will be required to attend an interview

- Applicants must submit a portfolio, attend an admission test or audition, depending on their selected course of study

- Computation of ELMAB3 will only include the results from the N- or O-Level exams in the academic year that immediately precedes the application

Source: https://www.nafa.edu.sg/

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Education Pathways for Students Taking N(A)-Level in 2026

PFP Polytechnic Foundation Programme	DPP Direct-Entry-Scheme to Polytechnic Programme	ITE Higher Nitec Courses	NFP NAFA Foundation Programme	**Sec 5** Singapore-Cambridge Secondary Education Certificate (SEC)
Apply PFP in Jan (PFP Portal)	Apply DPP in Dec/Jan (ITE Portal)	Apply ITE EAE in May or via JIE in Dec (ITE Portal)	Apply NFP in Dec (NAFA Portal)	Apply Sec 5 in Dec (School)
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	Raw GPA ≥ 2.5 or Raw GPA ≥ 3.0 or Raw GPA ≥ 3.5	For Poly (Mapped): Net GPA ≥ 2.5 or Raw GPA ≥ 3.5 (Guaranteed)		
	2- to 3-year Poly Diploma	• Poly Diploma • ITE Work Study Diploma or Technical Diploma		• JC/MI • Poly • ITE • Arts Institution

Progressing to Secondary 5 in 2027
(New Singapore-Cambridge Secondary Education Certificate (SEC))

Eligibility:

- ELMAB3 ≤ 19 (excluding CCA bonus points)

- At least a Grade 5 for all subjects used in ELMAB3 computation

Pathways:

- While admission to option of choice after SEC exams is not guaranteed, students can apply for admission to Junior Colleges, Millennia Institute, Polytechnics, ITE, or Arts Institutions (LASALLE and NAFA) if they meet the eligibility criteria.

- Secondary 5 students can also apply for Polytechnic Early Admissions Exercise (EAE) and Direct Schools Admission – JC (DSA-JC) if they meet the eligibility criteria.

Considerations:

- From N(A) to SEC syllabus (offering mostly G3 subjects) – how will your child manage this?

- Think about your child's learning ability, preferred learning styles, interests and strengths.

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Education Pathways After Secondary 5
(New Singapore-Cambridge Secondary Education Certificate (SEC))

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JC and MI Admission Criteria from AY2028

Aggregate Type: L1R4			
Subjects		Subject level required	Aggregate Score
L1	English Language/ Higher MTL	G3	For **JC**: Gross L1R4 ≤ **16**
R1	Humanities/ Higher Art/ Higher Music/ Malay (Special Programme)/ Chinese (Special Programme)/ Bahasa Indonesia		For **MI**: Gross L1R4 ≤ **20**
R2	Mathematics/ Science		
R3	Humanities/ Higher Art/ Higher Music/ Mathematics/ Science/ Malay (Special Programme) / Chinese (Special Programme)/ Bahasa Indonesia		
R4	Any G3 subject *(except Religious Knowledge)*		
Total number of subjects required for computation = 5		5 G3	

Grade requirements for specific subjects and conditional admission will be updated on MOE's website around mid-2025.
The cap on bonus points for admission will be lowered from a maximum of 4 to 3 points.

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Polytechnic Admission Criteria from AY2028

NEW

Students have to take at least four G3 subjects, and achieve a net ELR2B2 (English Language [EL], two relevant [R] and two best [B] subjects) aggregate score:

Net ELR2B2 ≤ 22 points (including CCA Bonus Points deduction)
- Except for Nursing which requires a Net ELR2B2-C ≤ 24

One G2 subject can be counted as a [B] subject. With this change, all students will be assessed on a common benchmark of four G3 subjects and one G2 subject, instead of five G3 subjects. Students who offer both [B] subjects at G3 will have their [B] subject with a lower grade mapped from G3 to G2 based on an empirically validated grade mapping table.

Students must meet Minimum Entry Requirements (MERs) of each course. MERs vary across courses.
Relevant Subjects (R2) vary across courses.
Please refer to MOE CourseFinder.

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

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Is JC/MI or Polytechnic More Suitable?

JC/MI	POLYTECHNIC
In-depth study of a few subjects	More bite-sized modules
Theory-based learning	Practice-oriented and applied learning
One major exam	Cumulative GPA
Structured timetable	Flexible timetable

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What's Right for Your Child?

" *As parents, we all want what is best for our children…*
*Within our own families, we can all **spend a bit more time***
***listening to our children's thoughts and feelings**.*
Let us walk alongside them as they grow and
handle their new challenges. "

Mr Chan Chun Sing, Minister for Education
Parliament Sitting (2021)

Source : https://www.moe.gov.sg/news/speeches/20210727-ministerial-statement-by-mr-chan-chun-sing-minister-for-education-for-the-parliament-sitting

How can you better engage and support your child?

Guide your child to be open-minded, explore possibilities and understand that **there are pathways to purposeful work for everyone**.

Help him/her to **appreciate** and be **respectful towards all jobs**.
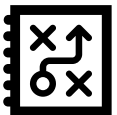
Help him/her **not to limit** themselves to certain education and career options **by gender or prestige stereotypes**.

Create opportunities for him/her to interact with peers from diverse backgrounds. Through these opportunities, students can embrace lifelong learning by continually developing his/her interests, skills and **create his/her own success stories.**

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Come and have a chat with…

Ms. Christina Ho
Education & Career Guidance Counsellor

WHEN: Sem 1: Every Tue & Wed
                    Sem 2: Every Mon & Tue
                    8.30am to 5.00pm

WHERE: ASE Room (Level 1, Classroom Block)

E-MAIL: ho_yuin_ching_christina@moe.edu.sg

For appointment booking, please scan the QR code
or go to **http://go.gov.sg/book-ecg-gess**

https://go.gov.sg/book-ecg-gess

Resources

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Resources on Supporting Your Child's ECG Journey

This parent resource contains tips and advice on ECG and suggests how parents can support their children throughout their key education stages. Parents can access the soft copy at: https://go.gov.sg/tips-for-parents
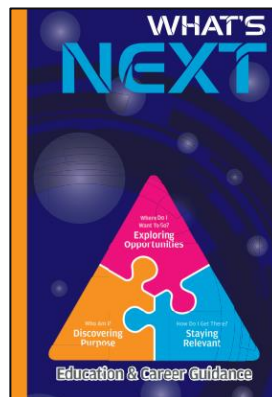
This ECG pamphlet helps to scaffold the decision-making process for students at key education stages. Parents can access the soft copy and find out more information at:
https://go.gov.sg/whats-next-olevel
https://go.gov.sg/whats-next-nlevel
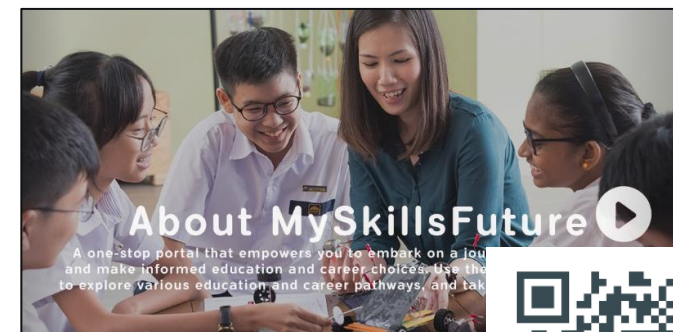
- Know Yourself
- World of Work
- Education Guide

Leverage the Education Guide feature in the MySkillsFuture portal to help your children plan their next step forward after their secondary education. Explore the World of Work. Parents can access the portal at: https://go.gov.sg/mysfsec

https://go.gov.sg/whats-next

https://go.gov.sg/mysfsec

Resources on Post-Secondary Pathways

Resource	Weblink
Post-Secondary (Sec) Pathways	https://www.moe.gov.sg/post-secondary https://go.gov.sg/moepostsec1
CourseFinder Explore courses based on type of institute (ITE, JC/MI, Polys, Unis), aggregate type, score, and area of interest	https://www.moe.gov.sg/coursefinder https://go.gov.sg/moe-coursefinder
A Guide to Post-Sec Admissions Exercises (The guide was last updated 19 April 2024. Pls look out for updates)	https://www.moe.gov.sg/-/media/files/post-secondary/a-guide-to-post-secondary-admissions-exercises.ashx

Resource	Weblink
ITE Courses, DPP and EAE Admissions Application for Students Who Completed GCE N-Level	https://www.ite.edu.sg/admissions/full-time-courses/gce-n-level https://go.sg/gce-n-level-ite
Poly Courses, PFP and EAE	https://www.moe.gov.sg/post-secondary/admissions/pfp/ https://eae.polytechnic.edu.sg/ https://www.moe.gov.sg/post-secondary/admissions/jae/polytechnics POLYTECHNIC FOUNDATION PROGRAMME EARLY ADMISSIONS EXERCISE JOINT ADMISSIONS EXERCISE
JC/MI Admissions	https://www.moe.gov.sg/post-secondary/admission/dsa https://www.moe.gov.sg/post-secondary/admissions/jae/junior-colleges-and-millennia-institute DIRECT SCHOOL ADMISSION JOINT ADMISSIONS EXERCISE

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Questions?

Thank you

Onward!