

# Education & Career Guidance (ECG)

**HOUGANG**  
SECONDARY SCHOOL



**Subject Combination Exercise 2025**

# Today's Agenda

- What is ECG
- How you can support your child in ECG
- World of Work (Critical Skills and SE Competencies)
- Educational Pathways
- School Support

# What is Education and Career Guidance (ECG)



Education & Career Guidance

ECG helps our students to develop a **sense of purpose** in life. By nurturing **self-awareness and self-directedness for lifelong learning**, ECG helps our children develop a **growth mindset, adaptability and a resilient attitude** to embrace future opportunities and appreciate the value of all occupations.

# Common Questions from Students



Should I choose subjects that **I like** or I **am good** at?  
(interest /ability)

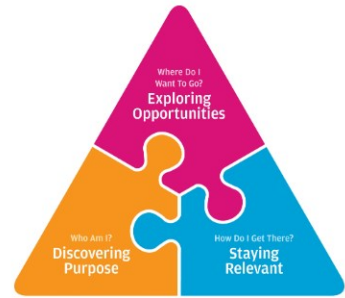
How do I choose when I **do not know** my career aspirations yet?

What are the **subjects required to achieve** my career aspirations?

Which **educational pathway** is better for me?



# Secondary 2 ECG Journey



## Roadmap Infographics

### Enrichment

#### Term 1 Inspire Series (April)

- RIASEC Profiling using skillsfuture portal
- Sec 2 Subject Combination Talks
- G2 ECG Fair @ WorldSkills Singapore

#### Term 2 Inspire Series (May)

- ECG Learning Journey
- Career Life Game

### Terms 1 and 2 CCE Lessons

- Making Positive Self Statements
- Goal Setting (Academic, Character & Leadership)
- **I have a Dream (ECG – Interests & Abilities)**
- **My Skills Quest (ECG – Knowledge & Skills)**
- Stressed / Distressed (Mental Resilience)
- Failing Forward (Mental Resilience)

### Term 3 CCE Lessons

- Goal Setting Review
- Stamping out Automatic Negative Thoughts (Mental Resilience)

# 3 Tips to Support ECG Journey



## 1 Discovering Purpose



**Guide your children to make informed decisions and own them**

Pay attention to the strengths and interests your children display in various activities and interactions, and affirm them to build their confidence. Discuss important considerations with your children when they are making education and career decisions. Empower them to take ownership of their goals and contribute meaningfully at home, in school and in the community.



## 2 Exploring Opportunities

**Encourage your children to find out more about education pathways and the World of Work**



Encourage and support your children in exploring different education and career pathways aligned to their strengths and interests.

Help your children see that they can broaden their education and career possibilities and encourage them to be confident of the future as they pursue their goals and aspirations.



## 3 Staying Relevant



**Embrace lifelong learning and develop your children's future-ready skills**

Learning does not occur only in school, but throughout life. Journey with your children through triumphs and challenges in their education and career journey. Celebrate their efforts and resilience, and encourage them to reframe setbacks as learning opportunities.

Help them practise adaptability when facing changes. Encourage them to keep their minds open to new options and think of alternative plans, instead of being fixated on one option.

Help your children see that they can grow and improve with effort and perseverance, and that they can build on opportunities to develop themselves. As the World of Work is rapidly changing with technological disruptions and new job roles being created, your children will need to be lifelong learners as they move towards leading a purposeful life.

# Possible Conversation Starters



WIA Jan 2  
Discovering  
Purpose

## 1 Discovering Purpose

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1. What are your **favourite subjects and Co-Curricular Activities (CCAs)**? What do you like about them?
2. How would you want to **contribute to our community to make a positive difference**?
3. What are your **goals and aspirations**?

# What are the subject(s) you enjoy or are good at?

**Who Am I?**

Discovering  
Purpose

- **Languages**  
English and Mother Tongue
- **Mathematics and Science**  
Mathematics, Chemistry and Physics
- **Combined Humanities and the Arts**  
Social Studies, Geography, History and Art
- **Coursework / Other Electives**  
Design & Technology, Nutrition and Food Science (NFS),  
Principles of Accounts (POA), Computing and English Literature





# What if my child does not know their career aspirations yet?

**Who Am I?**

Discovering  
Purpose



Co-curricular Activities



Values In Action



Education and Career Talks / Career Fairs



Applied Learning Programmes

Promoting Self-Awareness through **V.I.P.S** (Values, Interests, Personality and Skills) through their sharing on school experiences

# Hougang Secondary students turn day-old bread into sweet victory at ITE skills competition



After receiving feedback during the preliminary rounds that their face mask had a short shelf life, the team replaced yoghurt with kaolin clay and added essential oils to improve longevity and give the product a more appealing aroma.

“As teenagers start to get acne, they will feel insecure about themselves. We aimed to create skincare products to aid them,” said Secondary 3 student Wong Hong Xi, 14, one of the team members.

“Beyond this competition, I want to continue fixing this project’s flaws,” he said, adding that he hopes to start a business in skincare in the future.

(From left) Hougang Secondary School students Muhammad Ariq Danish, Mohammad Azhar, Wong Hong Xi and Mohamed Firas Mohamed Rafi won the BreadCycle Challenge at the finals of the 9th ignITE Skills Challenge at ITE College Central on May 20. ST PHOTO: SHINTARO TAY

# Possible Conversation Starters

1. Which **education institutions** are you curious to find out more about and why?
2. **What information** have you found about the industries or careers that you are interested in, including the education pathways leading to them?
3. How do you think you can find out more about the education or career pathways you are interested in?



## 2 Exploring Opportunities

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Encourage and support your children in exploring different education and career pathways aligned to their strengths and interests.

Help your children see that they can broaden their education and career possibilities and encourage them to be confident of the future as they pursue their goals and aspirations.



# Contributing to the community



Digital Economy



Care Economy



Green Economy

## Type of skill

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

## Top 10 skills of 2025

### Where Do I Want To Go?

Exploring Opportunities



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



# Strengthening Resilience



## Embrace lifelong learning and develop your children's future-ready skills

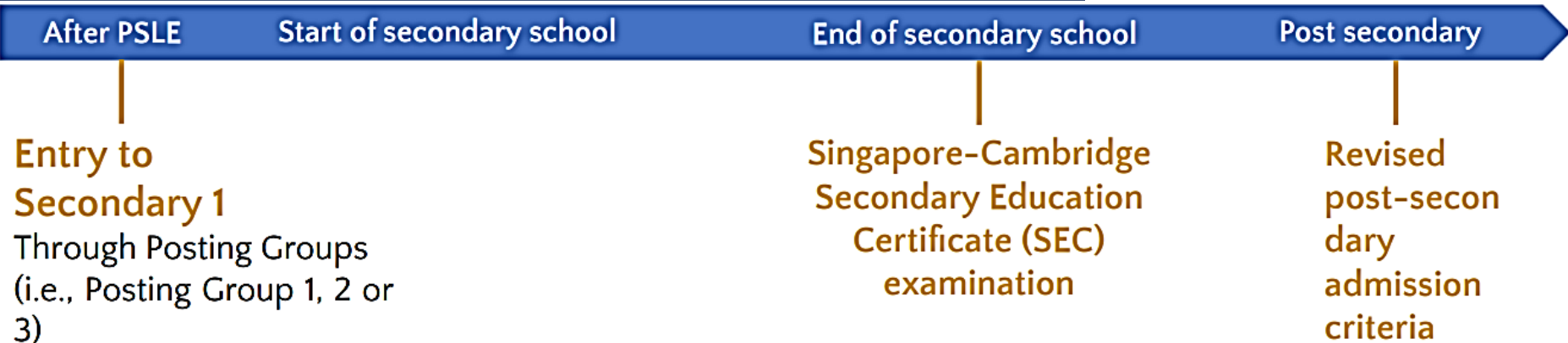
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1. What are the setbacks/failures you have faced that taught you something? Can I share about a setback I experienced that helped me grow?
2. What did you try that was difficult for you this week? What will you do to challenge yourself this month? **(You can make this a family challenge and get your children to ask you these questions too.)**
3. **As you consider your aspirations, which post-secondary pathways have you explored? How can we find out more?**

# Singapore-Cambridge Secondary Education Certificate (SEC) Examination



- From the 2027 graduating cohort, students will sit for the new Singapore-Cambridge Secondary Education Certificate (SEC) examination, comprising different papers for each subject level.
- Students will receive an SEC that reflects the subjects and subject levels that students offer.

# Post Secondary Pathways

**From 2028,**  
**more post-secondary options**  
**will be available.**

Students taking at least	POST-SEC PATHWAYS					
	ITE Year 1 Entry	ITE Year 2 Entry	Polytechnic Foundation Programme (PFP)	Polytechnic Year 1	Millennia Institute	Junior College
5 G3 subjects	✓	✓	NEW ✓	✓	✓	NEW ✓
4 G3 + 1 G2 subjects	✓	✓	NEW ✓	NEW ✓		
5 G2 subjects	✓	✓	✓			
4 G1 subjects	✓	NEW* ✓				

\*For students who meet ITE's Year 1 academic requirements



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

# Polytechnic Foundation Programme (PFP)

1-year programme that offers students a practice-based preparatory pathway to a polytechnic education. **Requirement : 5 subjects at G2 level**

Entry requirement: Obtain **ELMAB3 of 12** or less **AND** English set at grade 3 or less for all clusters.

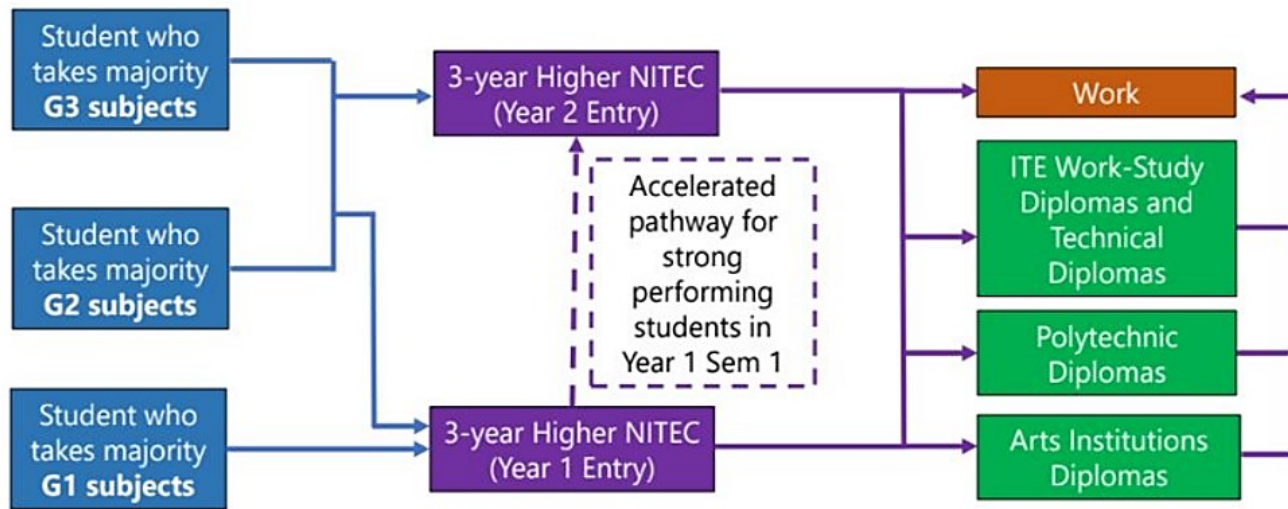
## New:

1. Students doing predominantly G3 can also apply for PFP Score for G3 subject will be mapped to G2 for computation of ELMAB3.
2. Students will be admitted to the PFP in **3 broad clusters** instead of a specific diploma programme.
  - (a) Sciences
  - (b) Humanities Art, Media and Business
  - (c) Design, Engineering and Technology *Note: NYP and TP offer as two sub-clusters:  
(i) Design and (ii) Engineering & Technology*



# Direct-Entry-Scheme to Polytechnic Programme (DPP) – phased out in 2028

- Students offering mix of G3 and G2 subjects
- For direct admission into Year 2 of 3-year ITE Higher NITEC:  
ELMAB3  $\leq$  19 points, based on G2 grades



ITE Aggregate Score will be computed  
based on 4 subjects at G1 level

# Progression to Sec 5 (taking all G3 subjects)

## Changes to Post-secondary School Admissions

Increased access to post-secondary pathways

### Eligibility for 5th Year

ELMAB3, computed at G2, will be used to determine students' eligibility for the 5<sup>th</sup> year

#### Criteria to access 5<sup>th</sup> year

- If 3 or more G3 Passes, must **not** qualify for JC/MI/Poly Year 1
- If 2 or fewer G3 Passes, must attain ELMAB3<sup>1</sup> ≤ 21, **or** ELB3<sup>1</sup> ≤ 14, **or** MAB3<sup>1</sup> ≤ 14

1: At least Grade 5 for G2 subjects used in computation of aggregates



Student profile	Subject level for subjects taken in 5 <sup>th</sup> year
Sec 4 students offering mostly G2 subjects, progressing to 5 <sup>th</sup> year to offer mostly G3 subjects	Can upgrade all subjects to G3 if ELMAB3 ≤ 19
Sec 4 or 5 <sup>th</sup> year students offering mostly G3 subjects	Repeat subjects at same subject level
Sec 4 students offering mostly G2 subjects	

# ITE 3-Year Higher Nitec Courses

From 2026, all ITE courses will transition to 3-Year Higher Nitec programmes

- School of Health Sciences
  - School of Business and Services
  - School of Design and Media
  - School of Electronics & Info-Comm Technology
  - School of Engineering
- 
- ❖ Eligibility Criteria: Best 4 subjects including pre-requisite subjects and bonus points.
  - ❖ 3-year Higher NITEC offers a streamlined curriculum in Year 1 before specialisation.
  - ❖ Internship attachment in Years 2 & 3.

# ITE 3 Years Higher Nitec Courses

- **ITE progression Award** when they pursue diploma:
  - Top-up of \$5000 to Post-Secondary Education Account upon enrolment into Poly course
  - Top-up of \$10,000 to CPF OA upon completion of Poly course

		Enrolment in Diploma*	Completion of Diploma*
ITE	Work-Study Diploma	Course fees borne by employers	<b>Eligible for \$10,000 CPF-OA Top-Up</b> To boost savings for longer-term goals
	Technical Diploma Technical Engineer Diploma	<b>Eligible for \$5,000 PSEA Top-Up</b> To help with the costs of obtaining a diploma	
Polytechnic	Full-Time Diploma Part-Time Diploma		
NAFA/LASALLE	Full-Time Diploma		
National Institute of Early Childhood Development (NIEC)	Diploma		

Source : [ITE progression award](#)

# ITE 3 Years Higher Nitec Courses

## More pathways to polys for ITE students from 2027



THE STRAITS TIMES  
Amelia Teng  
Education Correspondent

UPDATED JUL 21, 2023, 11:22 PM SGT •

More **Institute of Technical Education (ITE)** students will be given the chance to move on to **polytechnics** from academic year 2027, as part of efforts to expand pathways and choices for students.

Those pursuing a Higher Nitec qualification at ITE will be **guaranteed admission to a polytechnic course related to their Higher Nitec course**, if they attain a grade point average (GPA) of **3.5 or above**.

## Progression to Polytechnic

- **From 2027**, Higher Nitec students who **meet a Grade Point Average (GPA) of 3.5** will be **guaranteed admission** to a polytechnic course **mapped** to their Higher Nitec course
- **From 2028**, DPP will cease.

# GPA for mapped and not mapped poly courses



Use the Joint Polytechnic Admission Exercise (JPAE) Coursefinder,

**The course mappings are subject to change and are intended only as a reference.**

**Please refer to the updated mappings in January for JPAE application of the same year.**



<https://jpae.polytechnic.edu.sg/app/CourseFinder/CourseFinder/Index>

# NAFA Foundation Programme (NFP)

- 1 + 3 Year programmes in NAFA
- Obtain **ELMAB3 of 15** or less AND meet subject-specific entry
- CCA Points not considered
- Better aggregate score of combined G3 and G2 subjects will be taken
- **EL GRADE 4 & above** required to attend interview, Admission Test/Audition Dates

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

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





# HS - ECG One Stop Portal

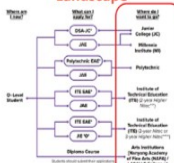
## FAQ

Pinned

Pei-Ling Juan 7mo

### Pathways for "O" level students

Overview of Post O-Level Education Landscape




Please approach your teacher or ECG counsellor Ms. Juan if you wish to find out more. Drop an email to Ms. Juan at [juan\\_peiling@moe.edu.sg](mailto:juan_peiling@moe.edu.sg)

## Events 2024 / 2025

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Pei-Ling Juan 16d

### WHAT'S NEXT AFTER O LEVELS? Plan your next steps with Republic Poly in a 2-Day Workshop! First run - 27 & 28 Nov 2024. Second run - 2 & 3 Dec 2024.



Becoming Greater Me

Congratulations! You've Just Completed Your O-Levels! So, What's Next? Polytechnic or Junior College? Which is the better path for you? Let us help you make an informed decision. Based on your own strengths, values, and aspirations, signing Your Life (DYL) Workshop, and find out more about yourself, your purpose here, before you decide.

DYL Workshop for O Level Sch Leavers

RP will be organising a complimentary "Design Your Life (DYL)" workshop exclusively for

## ECGC Contact

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Pei-Ling Juan 7mo

### Education and Career Guidance Contact

Education & Career Guidance @ The Engagement Centre (Canteen)

Tues & Wed (except PH) 8am to 5pm

Book an appointment - One to One or Group <https://go.gov.sg/hs-ecgc>

Drop me an email [juan\\_peiling@schools.gov.sg](mailto:juan_peiling@schools.gov.sg)

## ECG Resource

Pei-Ling Juan 4mo

### 2024 ECG BUZZ Issue 3

ARE YOU READY FOR INTERVIEWS?

Feeling jittery about an upcoming interview? Don't worry, we've got your back! Check out these tips to boost your confidence and ace that interview. Let's dive in and get you ready to shine!

BEFORE AN INTERVIEW:

Find out more about what you are being interviewed for and think through your views/interests.

2024-08 ecgbuzz-issue3-interviews

Are you ready for interviews?

Pei-Ling Juan 7mo

### 2024 ECG Buzz Issue 2 - Explore the World of Work in SLS

A World of Possibilities: Enter the World of Work through our SLS resources



[HS ECG Padlet](#)



# School Website -> Quick Links for Students

## For Students

<https://www.hougangsec.moe.edu.sg/quick-links/For-Students/for-students/>



[Google Workspace](#)  
(Student iCON)



Ministry of Education  
SINGAPORE

Ministry of Education



Student Learning Space



HGSS Facebook



Sec 1 CCA Option Exercise



Ministry of Education  
SINGAPORE

[MIMS Portal](#)



MySkillsFuture For Students

ECG Bookcase

Education and Career Guidance

CourseFinder

MOE Course Finder

Quick access to

- **MOE CourseFinder** on the offerings and courses of polytechnics and ITEs
- **MySkillsFuture** on career and education pathways



## Education & Career Guidance @ The Engagement Centre ( Canteen ) Tues & Wed ( except PH) 8am to 5pm



<https://go.gov.sg/hss-ecgc>

Book an appointment -  
One to One or Group

**<https://go.gov.sg/hss-ecgc>**

Drop me an email:

**[Juan\\_peiling@schools.gov.sg](mailto:Juan_peiling@schools.gov.sg)**

- Help students discover their strengths, interests and aspirations.
- Guide students in making informed plans for their education and career through individual and group guidance sessions or workshops.
- Support students in their applications to POLY EAE, ITE EAE, DSA-JC.

**THANK YOU**



**CARE , LEAD , INSPIRE & PARTNER.**