

Education & Career Guidance (ECG)

Today's Agenda

1. What is ECG
2. How you can support your child in ECG
3. World of Work (Critical Skills and SE Competencies)
4. Educational Pathways
5. School Support

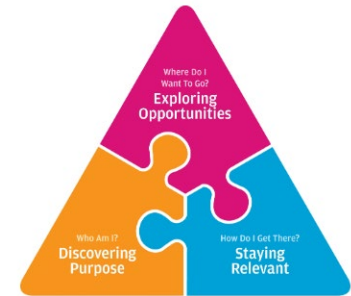
What is Education and Career Guidance (ECG)



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.

ECG - Journeying with Students



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)

Common Questions from Students



Should I choose subjects that I like or I am good at?

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?



Using ECG Frame to Make Subject Choices



Education & Career Guidance

1

Discovering Purpose (Who am I?)

The more you know about yourself,
the better your decisions will be

2

Exploring Opportunities (Where do I want to go?)

Explore the many education and
career opportunities open to you

3

Staying Relevant (How do I get there?)

You can continue to develop yourself
by staying adaptable and resilient

3 Tips to Support Your Children's 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



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.

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

(a) Discovering Purpose (Interests & Ability)

Who Am I?

Discovering
Purpose

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





Reflecting on **Strengths**

Expressing
through writing /
art / music

Creating &
fixing things

Handling
numbers and
data

Creative
problem solving



Understanding
complex
concepts

From learning to application ...



PHYSICS

Making everyday work

Related Courses

Aerospace Engineering

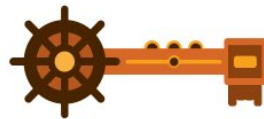
Civil Engineering

Computer Engineering

Electrical & Electronics
Engineering

Mechanical Engineering

Mechatronics & Robotics



Jobs using Physics Knowledge

Astronomer

Computer Scientist

Data Scientist

Engineer (all areas)

Pilot

Product Designer

Physics Teacher

Radiologist

Research Scientist

...and more

From learning to application ...



GEOGRAPHY

Great adventure with a purpose

RELATED COURSES

Environmental Studies
Nautical Studies
Tourism & Hospitality
Studies
Economics
Sociology
Architecture

JOBS USING GEOGRAPHY

Urban Planner
Demographer (Population)
GIS Specialist
Climatologist
Environmental Scientist
Writer/Researcher
Teacher

...and more



From learning to application ...



DESIGN & TECHNOLOGY

Build a better place for the world!

Related Courses

Architecture
Product & Industrial Design
Interior Design
Engineering
Materials Science
Media, Arts & Design

Architect
UX Designer
Product Designer
Mechanical Engineer
Materials Research
Scientist
Conceptual
Artist



...and more



From learning to application ...



ART

Expressions Beyond Boundaries

Related Courses

Architecture

Animation & Visual Effects

Design (Fashion, Graphic,
Interior, Product)

Digital Game

Fine Arts

Visual Communication

Jobs using Arts expertise

Architect

Animator

Art Teacher

Game Designer

Product Designer

Graphic Designer

Photographer

Art Therapist

...and more





Reflecting On V.I.P.S

- What are some things/issues they feel strongly about or care about?
- What are the important things that they look for in a career?
- What activities and subjects do they enjoy more or enjoy less? And why?
- What strengths and skills do they enjoy using or wish to develop further?



(a) Discovering Purpose (School Experiences)

Who Am I?

Discovering
Purpose



Co-curricular Activities (CCA)



Values In Action (VIA)



Education and Career (ECG) Talks



Applied Learning Programme
(ALP-STEM)

Identifying **V.I.P.S**
(Values, Interests,
Personality and Skills)
through their sharing
on the school
experiences

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

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.

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



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.

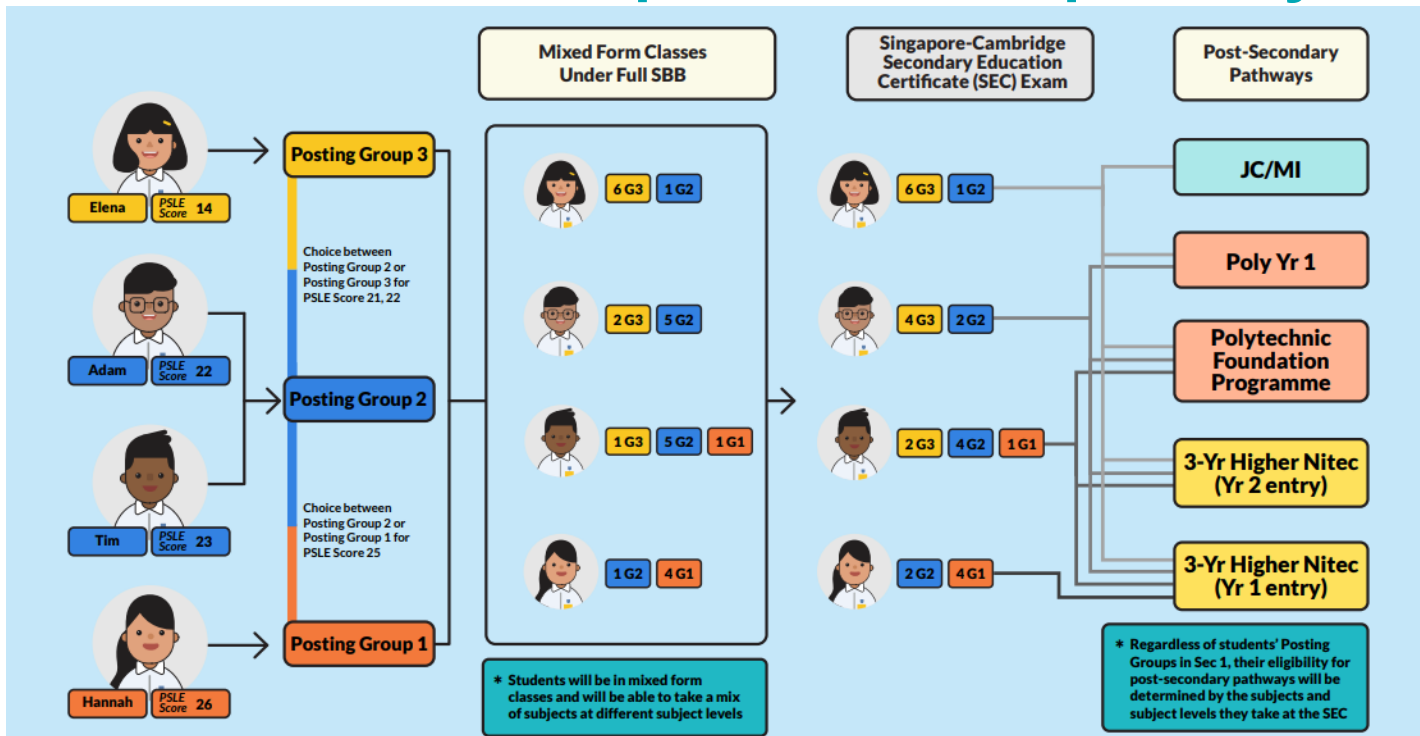
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1. What are the setbacks/failures you have faced that taught you something? Can I share about a setback I experienced that helped me grow?
2. What did you try that was difficult for you this week? What will you do to challenge yourself this month? (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?**



EDUCATION LANDSCAPE HAS CHANGED

There are now multiple education pathways



Updates - Post Secondary Pathways

- From AY2027 graduating cohort, students will sit for Singapore-Cambridge Secondary Education Certificate (SEC) Examinations.
- The SEC will reflect subjects and subject levels.

Changes to Post-secondary School Admissions

Increased access to post-secondary pathways

Revised JC Admission Criteria

From 2028 JAE

L1R5 → **L1R4**

The qualifying threshold for JC eligibility will be revised from
 $L1R5 \leq 20$ to $L1R4 \leq 16$

Freed-up time from offering **one fewer subject** to strengthen their development of 21st Century Competencies and pursue other interests.

Changes to Post-secondary School Admissions

Increased access to post-secondary pathways

Subject Requirements for JC Admission AY2028

Component	[Current] L1R5	[Current] L1R5	[New] L1R4
L1	English or Higher Mother Tongue Language	✓	✓
R1	Any 1 best-scoring subject from Humanities	✓	✓
R2	Any 1 best-scoring subject from Mathematics or Science	✓	✓
R3	Any 1 best-scoring subject from Humanities, Mathematics or Science	✓	✓
R4	Any 1 best-scoring subject	✓	✓
R5	Any 1 best-scoring subject	✓	

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Changes to Post-secondary School Admissions

Increased access to post-secondary pathways

Subject Requirements for MI Admission AY2028

Component	[Current] L1R4	[New] L1R4
L1	English or Higher Mother Tongue Language	
R1	Any 1 best-scoring subject from Humanities, Mathematics or Science	Any 1 best-scoring subject from Humanities
R2	Any 1 best-scoring subject from Humanities, Mathematics or Science	Any 1 best-scoring subject from Mathematics or Science
R3	Any 1 best-scoring subject	Any 1 best-scoring subject from Humanities, Mathematics or Science
R4	Any 1 best-scoring subject	Any 1 best-scoring subject

Changes to Post-secondary School Admissions

Increased access to post-secondary pathways

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JC / MI Revised Bonus Point System from AY2028

Types of Bonus Points	No. of Bonus Points	[Current] L1R5	[New] L1R4
CCA Grade	Excellent : 2 Good : 1	Maximum 4 bonus points from any combination	Maximum 3 bonus points from any combination
English and Higher Mother Tongue Language Grade • A1 to C6 for both subjects	2		
Chinese/Malay (Special Programme) or Bahasa Indonesia Grade • A1 to C6	2		
Affiliated JC	2		
Chinese, Malay, or Tamil Language Elective Programme	2	Additional 2 bonus points (not included in bonus points cap)	

Changes to Post-secondary School Admissions

Increased access to post-secondary pathways

Polytechnic subject requirements from AY2028

Post-Sec Pathways					
Students taking at least		3-year ITE Higher Nitec	Year 2 of 3-year ITE Higher Nitec	Polytechnic Foundation Programme (PFP)	Polytechnic Year 1
5 G3 subjects		✓	✓	✓	✓
4 G3 subjects	+ 1 G2 subject	✓	✓	✓ NEW	✓ NEW
5 G2 subjects		✓	✓	✓	
4 G1 subjects		✓	✓ NEW*		

Poly

*Please check MOE for more information

Changes to Post-secondary School Admissions

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Increased access to post-secondary pathways

Poly Eligibility Criteria Changes from AY2028

Cohort	Sec 4 in 2025, graduate 2025	Sec 2 in 2025, graduate 2027
Year	AY2026	From AY2028 onwards
Eligibility Criteria	ELR2B2 \leq 26pts MERs	ELR2B2 \leq 22pts MERs
Subjects for Eligibility	<ul style="list-style-type: none">English and..Two relevant [R] subjects and..Two Best [B] subjects	<ul style="list-style-type: none">G3 English and..Three G3 subjects and..One G2 subject as a B1 or B2* } 4G3 + 1G2

**If student offers one or 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*

*** Some courses do allow English D7 and Math D7. Please check MOE [Course Finder](#) for more information*

Changes to Post-secondary School Admissions

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Increased access to post-secondary pathways

PFP Changes under Full SBB

Starting from the 2026 intake, students will be admitted to the PFP in 3 broad clusters instead of a specific diploma programme

(Note: NYP and TP offer as two sub-clusters: (i) Design and (ii) Engineering & Technology)

- Sciences
- Humanities, Art, Media and Business
- Design, Engineering and Technology

English set at grade ≤ 3 for all clusters, PFP eligibility remains at ≤ 12 points (gross)

Note : for some courses, there might be additional requirements e.g. aptitude test and interviews **after** completing 1st year of the PFP programme.

**Please check MOE for more information*

Changes to Post-secondary School Admissions

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Increased access to post-secondary pathways

PFP Changes under Full SBB

Starting from the AY2028 intake, students taking G3 subjects, or a mix of G2 and G3 subjects can apply to PFP by mapping their G3 grade to G2.

- Following this change, up to 2,600 students per AY are expected to be eligible for the PFP from AY2028

**Please check MOE for more information*

Relevant Subjects for Poly Courses

Aggregate Type	A <ul style="list-style-type: none"> Humanities Media & Design 	B <ul style="list-style-type: none"> Business & Management 	C <ul style="list-style-type: none"> Sciences, Engineering ICT, Built Environment 	D <ul style="list-style-type: none"> Built Environment Media & Design
EL	English			
First Relevant Subject (R1)	Humanities, Art, Music	E. Math, A. Math	E. Math A Math	E Math A Math
Second Relevant Subject (R2)	E Math, A Maths, Art, MT, D&T, NFS, POA, Humanities, Music	Art, Humanities, POA, Music	Science, D&T, NFS	Science, Art, D&T, NFS
B2	Best 2 subjects			

**Please refer to JAE 2025 Booklet for full details of relevant subjects
Above are common subjects; list not exhaustive.*

Role of Parents in the exercise

Parents/Guardians play important roles in ECG of their child/ward including:

1. **Helping them discover** their interests and develop their strengths by navigating the **Myskillsfuture (Secondary) website**.
2. **Guiding them** in making informed ECG choices by browsing through the websites of different tertiary education institutes.
3. **Monitoring the performance** of your child/ward in his/her academic studies and provide support for them to do their best.

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

HS - ECG One Stop Portal

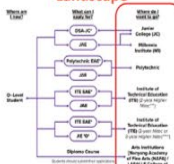
FAQ

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

Events 2024 / 2025

Pinned

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, interests, and aspirations, signing Your Life (DYL) Workshop, and find out more about yourself, your purpose, and, 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

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.

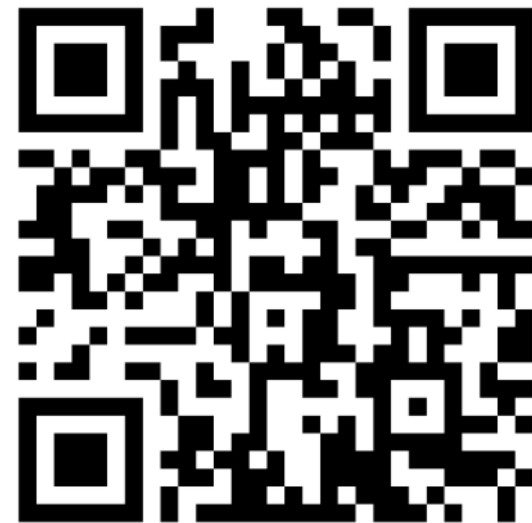
2024 -08 ecgbuzz-issue3-interviews

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](#)



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

- 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.