

HOUGANG SECONDARY SCHOOL

Parents' Briefing on Subject Combination (Express)

14 July 2023 (Friday)

5.00 – 6.15 pm

HOUGANG
SECONDARY SCHOOL



Education & Career Guidance (ECG) Talk for Parents

Mrs Rachel Chan



HOUANG
SECONDARY SCHOOL

The 3 ECG Questions to Guide Our Child

WHO?

Who am I?



HOW?

How do I get there?



WHERE?

Where do I want to go?



Agenda

1. What are some considerations in choosing subject combination?

1. ECG Resources for Parents



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?



What are the subjects your children enjoy or are good at?

- **Sciences**

e.g. Biology, Chemistry, Physics

- **Additional Mathematics**

- **Humanities and the Arts**

e.g. Art, Geography, History, Literature, Social Studies

- **Coursework / Other Electives**

e.g. Design and Technology, Nutrition & Food Science, Principles of Accounts



How to help your children choose when they do not know their career aspirations yet?



Co-curricular Activities



Values In Action



Education and Career Talks / Career Fairs



Applied Learning Programmes

Discover themselves (values, interests, personality and skills) through their sharing on experiences

Using “Know Yourself” Profiling Tools in MySkillsFuture



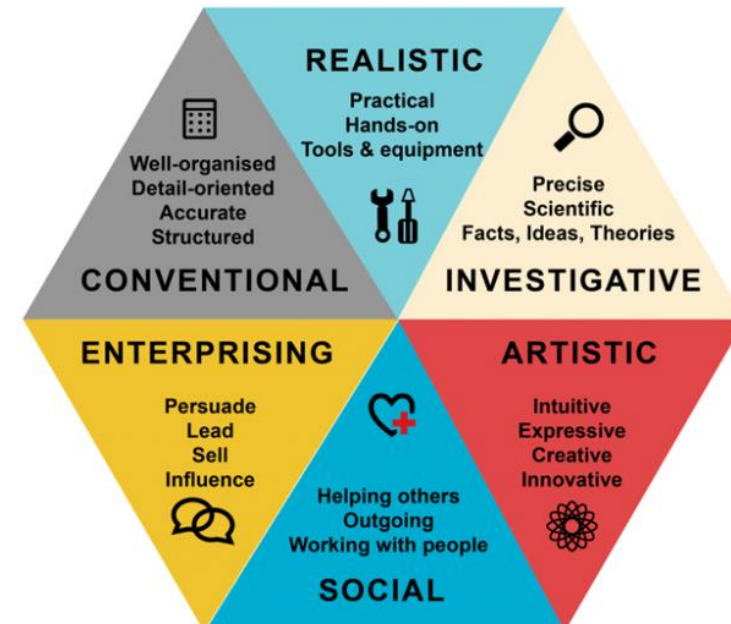
1. Discover more about your career interests, skills, work values, and learning styles.
2. These tools are meant to facilitate self-awareness and exploration.
3. You may use them as a guide to plan your education or career.



<https://go.gov.sg/mysfsec>

R.I.A.S.E.C Holland Codes by Psychologist John Holland

1. If people know their personality type, they can find a career that utilizes their personal strengths and matches their working style.
1. All of the personality types are equal in importance and are needed in every organization.
1. A good career match means a happy and fruitful work experience.



Vocational Interests



Enterprising
Career Clusters

- Arts, A/V technology, and communications
- Business, management, and administration
- Finance
- Government and public administration
- Hospitality and tourism
- Law, public safety, corrections, and security
- Marketing, sales, and service



Social
Career Clusters

- Arts, A/V technology, and communications
- Education and training
- Government and public administration
- Health science
- Human services
- Law, public safety, corrections, and security
- Marketing, sales, and service



Investigative
Career Clusters

- Health science
- Information technology
- Law, public safety, corrections, and security
- Science, technology, engineering, and mathematics

Vocational Interests



Realistic
Career Clusters

- Agriculture, food, and natural resources
- Architecture and construction
- Arts, A/V technology, and communications
- Health science
- Hospitality and tourism
- Information technology
- Law, public safety, corrections, and security
- Manufacturing
- Science, technology, engineering, and mathematics
- Transportation, distribution, and logistics



Artistic
Career Clusters

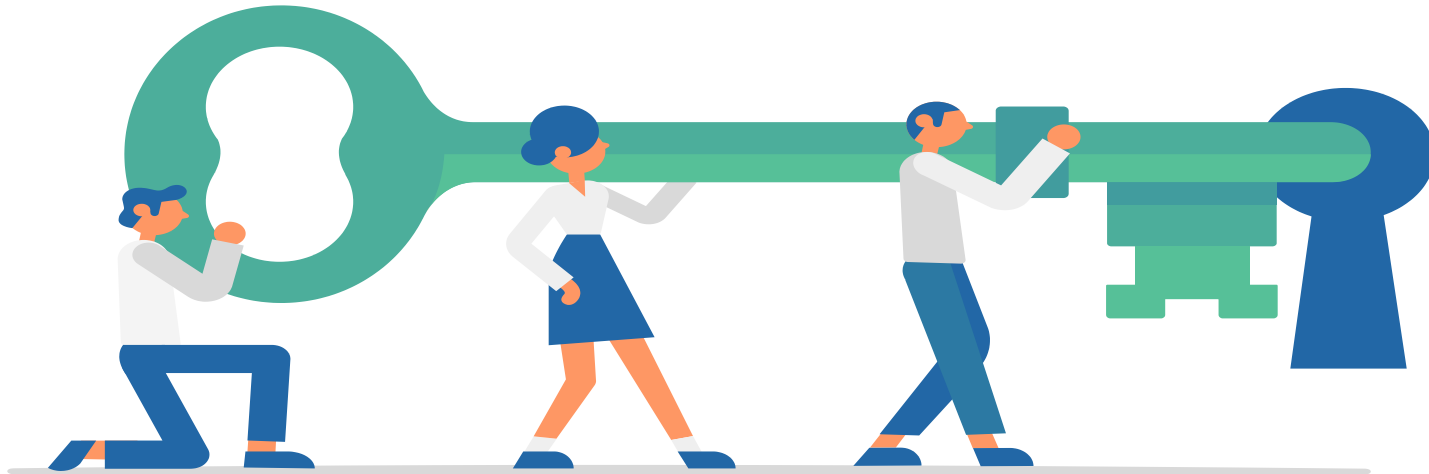
- Arts, A/V technology, and communications
- Education and training
- Hospitality and tourism
- Human services
- Marketing, sales, and service



Conventional
Career Clusters

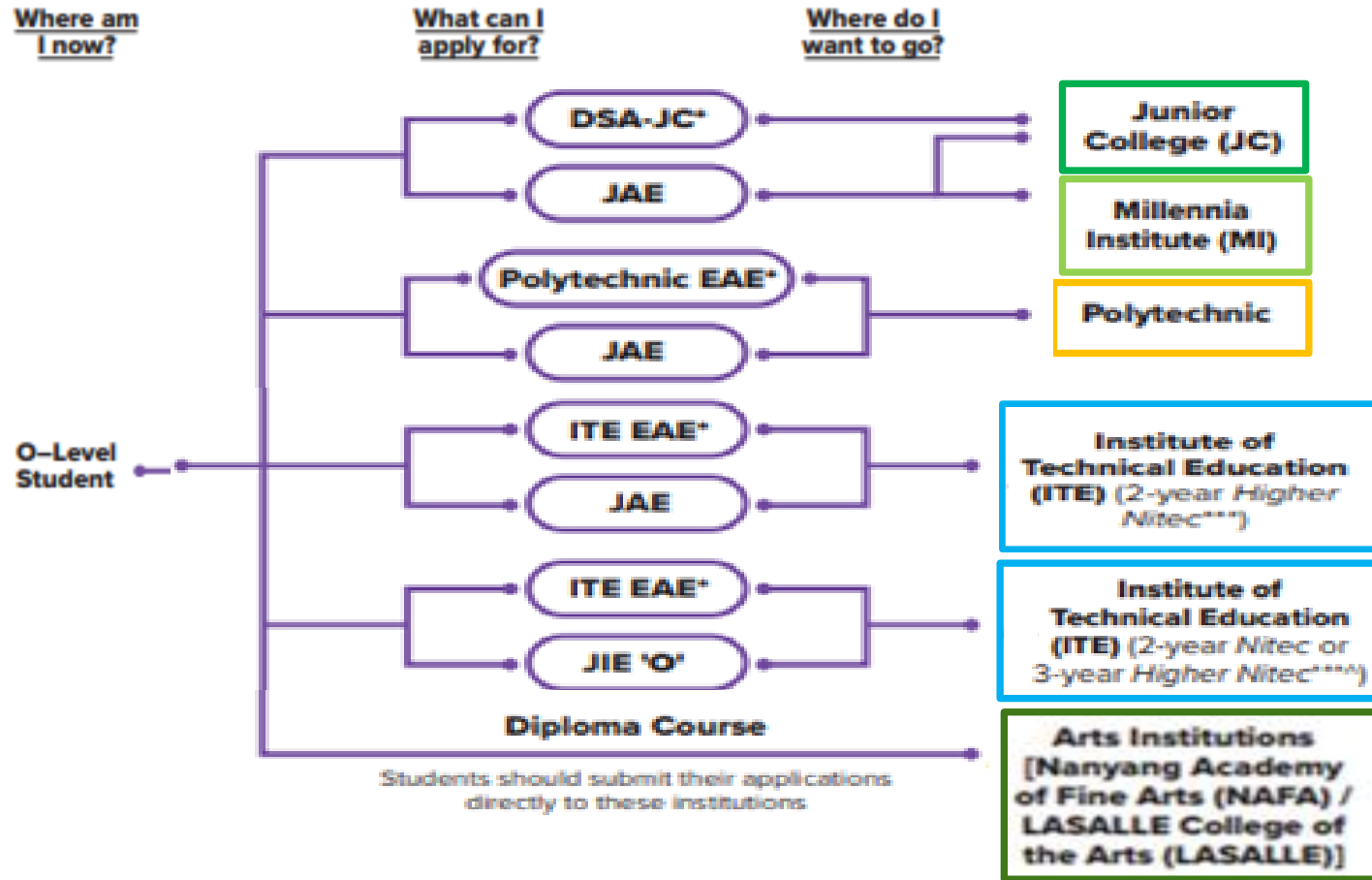
- Architecture and construction
- Business, management, and administration
- Finance
- Health science
- Manufacturing
- Transportation, distribution, and logistics

Using the 3 ECG Questions to Make Subject Choices



Informed Decision
My Subject
Combination

Admissions Exercises for O-Level Students

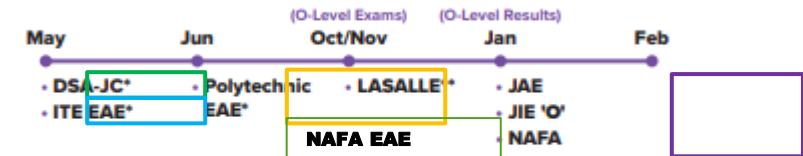


Extracted from

[A guide to post-secondary admissions exercises \(moe.gov.sg\)](https://www.moe.gov.sg/a-guide-to-post-secondary-admissions-exercises)



When can I apply?



*Students can apply through these admissions exercises before their O-Level examinations

**Application to LASALLE's diploma programmes starts from September.

***Certain Nitec and Higher Nitec courses are available in traineeship mode.

For more information on applying to these courses, you can visit [here](#).

****For the list of 3-year Higher Nitec courses, please visit [here](#).

A Levels

Junior College

2-Year

L1R5

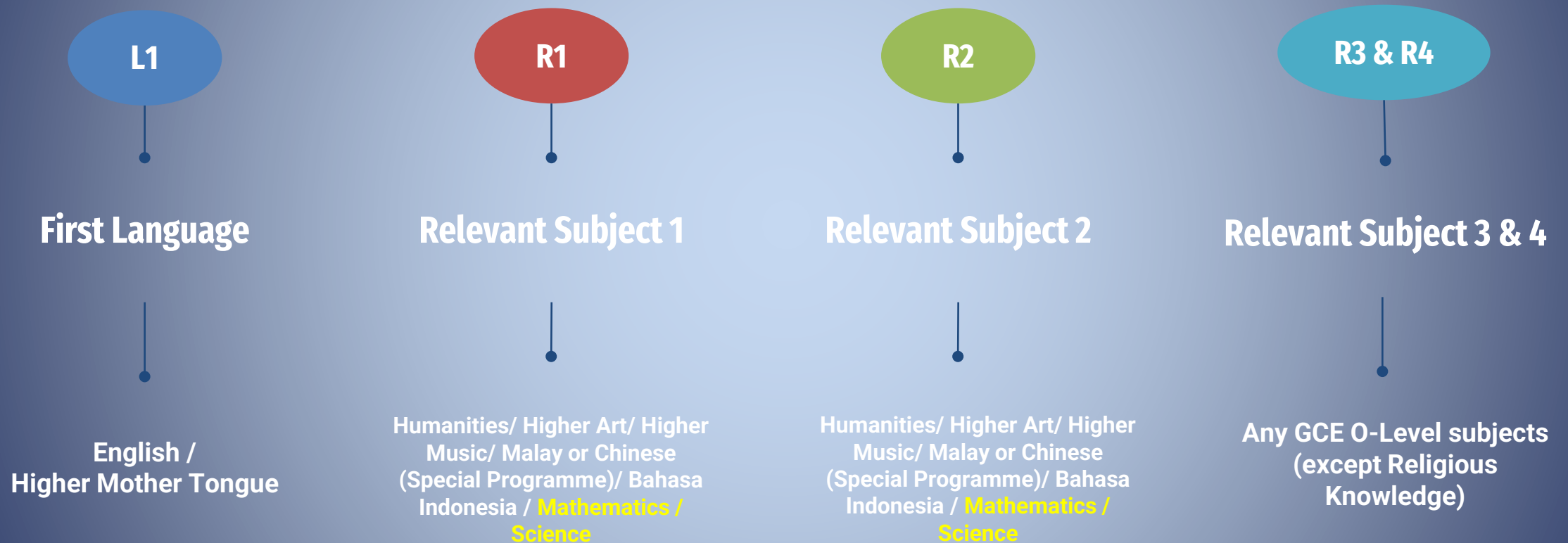
Millennia Institute

3-Year

L1R4

JAE Admission Criteria for O-level Students

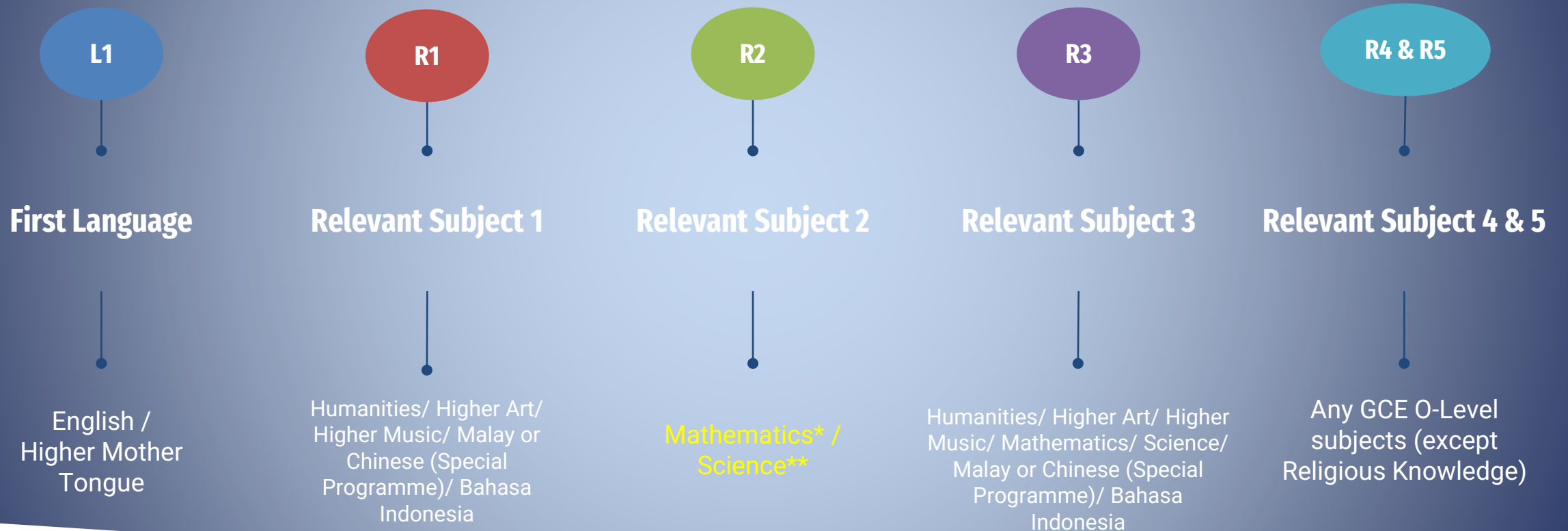
L1R4: For MI Course



JAE Admission Criteria for O-level Students

L1R5: For JC Course

*E Math / A Math
**Combined or Pure



Self-help tools



**SCHOOL
FINDER**

Explore a list of schools based on school type, CCAs, and what programmes they offer.

FIND SCHOOLS



Junior College / Millennia Institute

<https://go.gov.sg/moe-sch-finder>

Polytechnics

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 working world**

Students **graduate with a Diploma** that typically qualifies to **apply for job in the desired field**



Singapore Polytechnic



Ngee Ann Polytechnic



Temasek Polytechnic



Nanyang Polytechnic



Republic Polytechnic

What are the courses available?

COURSE FINDER

Explore courses offered by ITE,
polytechnics and Autonomous
Universities based on aggregate
type, score and area of interest.

FIND COURSES



<https://go.gov.sg/moe-course-finder>

ITE / Polytechnics / Universities

<https://go.gov.sg/moe-course-finder>

Applying for Poly via JAE (Joint Admissions Exercise)

Entry Requirements:

1

Net ELR2B2 \leq 26 points

**EL= English Language, R2 = Relevant 2 Subjects, B2 = Best 2 Subjects; Net ELR2B2 includes deduction of CCA bonus points*

2

Meet Minimum Entry Requirements (Course-dependent)

The relevant subjects per courses are grouped into 4 types:

These are called Aggregate types which refer to the list of subjects that are relevant to the course

A

- Humanities
- Media-related

B

- Business & Management

C

- Sciences, Engineering
- Info Comm Technology

D

- Built Environment
- Media & Design

Relevant Subjects for Poly Courses

Aggregate Type	A	B	C	D
	<ul style="list-style-type: none"> Humanities Media-related 	<ul style="list-style-type: none"> Business & Management 	<ul style="list-style-type: none"> Sciences, Engineering ICT, Built Env 	<ul style="list-style-type: none"> Built Env 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			

Case Discussion - Esther

Additional Mathematics?

Pure or
combined Science?

Geography or Literature?



Case Discussion - Esther

Who Am I?

Sec 2 Express Student
Strong Interest in Environment

Where Do I Want To Go?

Exploring Sustainable Energy
Resource

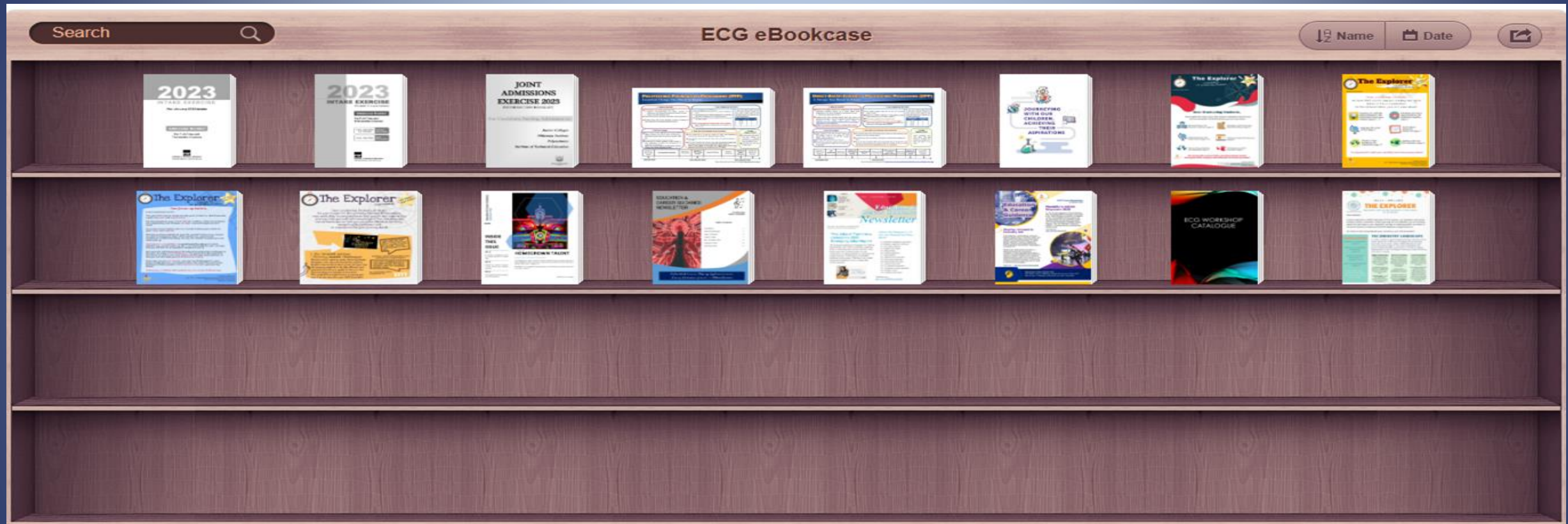
Strong in Math and
Science
Enjoys Geography and
Literature



Restricted

ECG RESOURCES FOR PARENTS

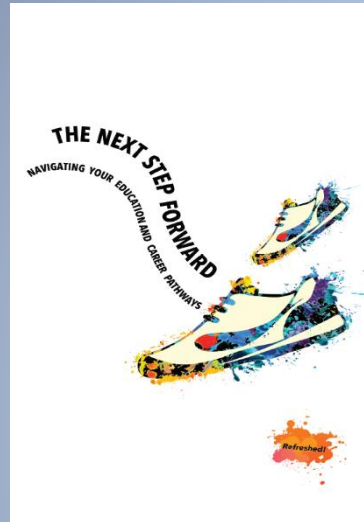
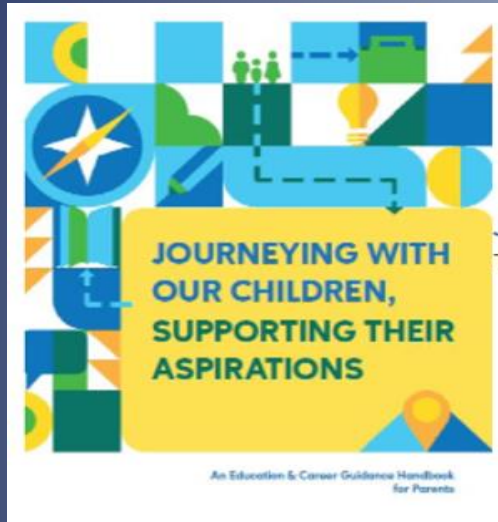
ECG Bookcase



ECG Bookcase Link:
<https://hougangsec.moe.edu.sg/quick-links/for-students>



Useful Resources



<https://go.gov.sg/moe-ecg-resource>

ECG Advising



Ms. Juan Pei-Ling

Education & Career Guidance Counsellor

Available

Mon & Thurs (8am – 5pm)

@ Engagement Centre (Canteen)

Email: juan_peiling@schools.gov.sg

Post-Secondary Pathways

Topics covered today	What I can further help you with:
Post-Secondary Pathways	<ul style="list-style-type: none">Better understanding of pathwaysWhat should you consider depending on interest / plansWhat is relevant for you
Admission Criteria	<ul style="list-style-type: none">Process, Application, Important Dates, TimelineRelevant Subjects for AdmissionWhat are your options based on interest / plans
Overview of JC, Poly, ITE	<ul style="list-style-type: none">Cut-off Point Entry requirementsRelevant Subjects for Course EligibilityRelevant Courses & Requirements

Book Appointment



Feedback on Session



Thank You





Promotion Criteria

Level	Criteria (min requirement)
Sec 2 Express	<ul style="list-style-type: none">• Pass EL &• Obtained 50% overall based on all subjects taken



Tentative Sec 3E Subject Combinations for 2024

Tentative Subject Combinations for Sec 3 Express 2024 (Pure Sciences)

NO.	SUBJECTS		
1	English Language		
2	Mother Tongue (Chinese / Malay / Tamil / Others)		
3	Elementary Mathematics		
4	Additional Mathematics		
5	Pure Science 1 (Chemistry)		
6	Pure Sciences 2	Physics	Choose 1
		Biology	
7	Humanities	Social Studies & Geography	Choose 1
		Social Studies & History	

Tentative Subject Combinations for Sec 3 Express 2024 (Combined Sciences)



NO.	SUBJECTS		
1	English Language		
2	Mother Tongue (Chinese / Malay / Tamil / Others)		
3	Elementary Mathematics		
4	Principles of Accounts		
5	Combined Sciences	Chemistry/Biology	Choose 1
		Chemistry/Physics	
6	Humanities	Social Studies & Geography	Choose 1
		Social Studies & History	
		Social Studies & Malay Literature	
7	Elective (*coursework subjects)	Additional Mathematics	Choose 1
		English Literature	
		Computing	
		Art*	
		Design & Technology*	
		Nutrition and Food Science*	



Criteria for Sec 3 Express Subjects 2024

SUBJECTS	CRITERIA
Pure Sciences	A strong foundation in Maths and Science, a B3 or better in Maths and Science
Computing	B3 or better in Mathematics Selection interview
Additional Mathematics (for Combined Sciences)	A strong foundation in Maths, a B4 or better in Maths
English Literature	Strong in English Language, a B3 or better in either English or English Literature

Note :

- B3 : 65% or above for the subject (overall)
- B4 : 60% or above for the subject (overall)



For further clarifications, please contact the following personnel:

English, Literature : Mdm S Chitradevi, s_chitradevi@moe.edu.sg

Mathematics, POA: Mr Chow Poh Boon, chow_poh_boon@moe.edu.sg

Science: Mr Quek Yong Cai, quek_yong_cai@moe.edu.sg

Computing: Mr Javen Gwee Chen Meng, javen_gwee_chen_meng@moe.edu.sg

Humanities: Mr Andy Koh Min Chit, andy_koh_min_chit@moe.edu.sg

Mother Tongue (Malay Lit): Ms Cheng Sze Mei Carmen, cheng_sze_mei@moe.edu.sg

Aesthetics & Technology (D&T, Art, NFS, Music): Mr Mohamed Fahizel,
mohamed_fahizel@moe.edu.sg



Subject Combination Matters

You may contact :

Mdm Martini Rahmat, martini_rahmat@moe.edu.sg (Sec 2 AYH)

Mr Chow Poh Boon, chow_poh_boon@moe.edu.sg (HOD Math; OIC)

Thank
you

