

Sec 2 Parent Engagement

Upper Secondary Subject Allocation
Mayflower Secondary School
24 August 2026

Objectives

1. Highlight key considerations in making subject choices at Upper Secondary.
(Details of each subject is already uploaded into the school website)
 - a. Understanding how our subject combination enables our students take on the various post secondary pathways
2. Provide a platform for parents to ask questions.
 - a. Address the questions asked via PG.
 - b. Invite parents to ask questions.

Programme Outline

- Recap of Engagement Sessions (Parents and Students)
- Sharing the considerations in making the choice (post-secondary pathways)
 - JC/Poly
 - PFP
 - ITE
- Q&A

RECAP

Recap

- Parent engagement on 25 May 2026
 - Post-secondary landscape and options for your child (ECG Counsellor)
 - Mayflower subject offerings in Upper Secondary in 2027 (FSBB Team)
- Student engagement
 - 5 January 2026 - ECG Talk during Zest for Life
 - 14 January 2026 - CCE Lesson: ECG #1 Have a Dream
 - 2 to 6 February 2026 - Applied Learning Module; Career Game Workshop
 - 25 March 2026 - CCE Lesson: ECG #2 My Skills Quest
 - 10 April 2026 - ECG Fair (exhibition)
 - 15 May 2026 - Post Secondary Pathways and Mayflower Subject Combination
 - 28 May 2026 - Subject Preference Exercise (online)
 - 8 July 2026 - CCE Lesson: ECG #3 Connecting with Others
 - 19 August 2026 - Information on the subjects offered at Upper Secondary

Mapping - Demand level of a subject

Demand Level of a Subject	Syllabus Mapped from
G3	Express
G2	Normal (Academic)
G1	Normal (Technical)

E.g.

Previously: A student from the N(A) stream doing Express Science

Now: A student taking Science at G3 - means the content is from the EXPRESS level content

SUBJECTS OFFERED IN UPPER SECONDARY



Junior Colleges and Millennia Institute

Aggregate Type: L1R4

- ✓ All subjects used in aggregate score computation for JC and MI admissions must be **taken at G3**.
 - Mother Tongue Language (MTL) and Higher MTL (HMTL) cannot be used in the same aggregate computation
 - Religious Knowledge cannot be used.
- ✓ Meet the minimum grade requirements for specific subjects

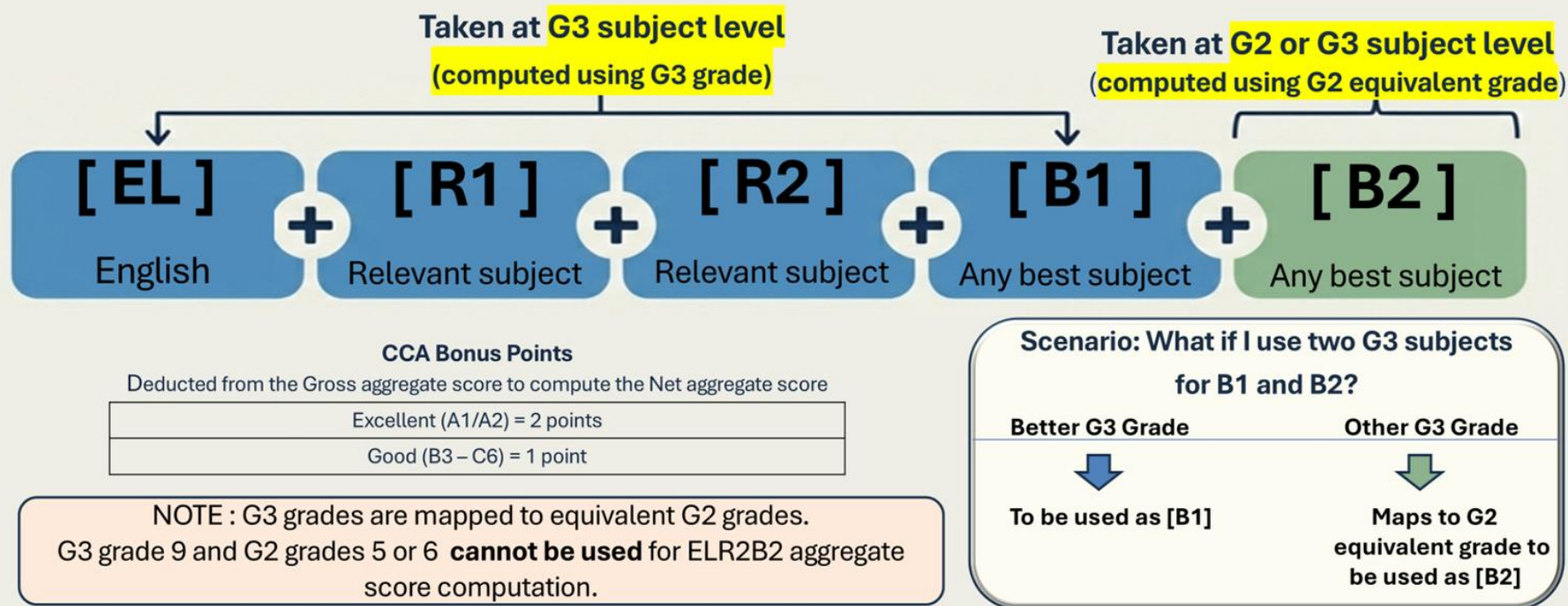


Gross Aggregate must be ≤ 16 for JC Admission

Gross Aggregate must be ≤ 20 for MI Admission

Polytechnic Diploma - Aggregate Type: ELR2B2

- ✓ Four Aggregate Types: ELR2B2-A/B/C/D **NET** aggregate score must not exceed 22 (or 24 for Nursing courses).
- ✓ Meet the Minimum Entry Requirement (MER) of the course that you are applying for.



Polytechnic Diploma - Aggregate Type: ELR2B2

	ELR2B2-A	ELR2B2-B	ELR2B2-C	ELR2B2-D
General Types of Poly Courses*	Humanities Media	Business	Sciences Engineering Infotech	Design
Example of courses	Early Childhood Psychology Studies Mass Communication	Business Administration Accountancy Hospitality and Tourism	Biomedical Science Aerospace Electronics Information Technology	Interior Design Communication Design
R1	Humanities, Art	Mathematics / Additional Mathematics		
R2 (examples)	Humanities Math / Add Math Art, D&T, NFS POA	Humanities Art POA	Any Science D&T, NFS	Any Science D&T, NFS, Art

* Please note these are general categories, and aggregate type can differ significantly from Polytechnic to Polytechnic

Proposed Subject Combination for 2027

	Subject 1	Subject 2	Subject 3	Subject 4	Subject 5	Subject 6	Subject 7
Option 1	English G3	Math G3	MTL	Chem G3	Hum G3	Amath G3	Phy G3
Option 2	English G3	Math G3	MTL	Chem G3	Hum G3	Amath G3	Bio G3

- All subjects will be offered at G3 Level, except MTL. Students may be offered to do MTL at G2 or G1.
- Both Options would enable students to take up any post-secondary route as min of **5 G3 subjects is met**. These options are **strongly encouraged** for students who would like to consider **Science courses in JC/MI**.

Proposed Subject Combination for 2027

	Subject 1	Subject 2	Subject 3	Subject 4	Subject 5	Subject 6	Subject 7
Option 3	English G3	Math G3	MTL	Combined Sci G3	Hum G3	Amath G3	POA G3
Option 4	English G3	Math G3	MTL	Combined Sci G3	Hum G3	Amath G3	NFS/D&T /Art G3
Option 5	English G3	Math G3	MTL	Combined Sci G3	Hum G3	POA G3	NFS/D&T /Art G3
Option 6	English G3	Math G3	MTL	Combined Sci G3	Hum G3	Amath/POA /NFS/D&T /Art G3	

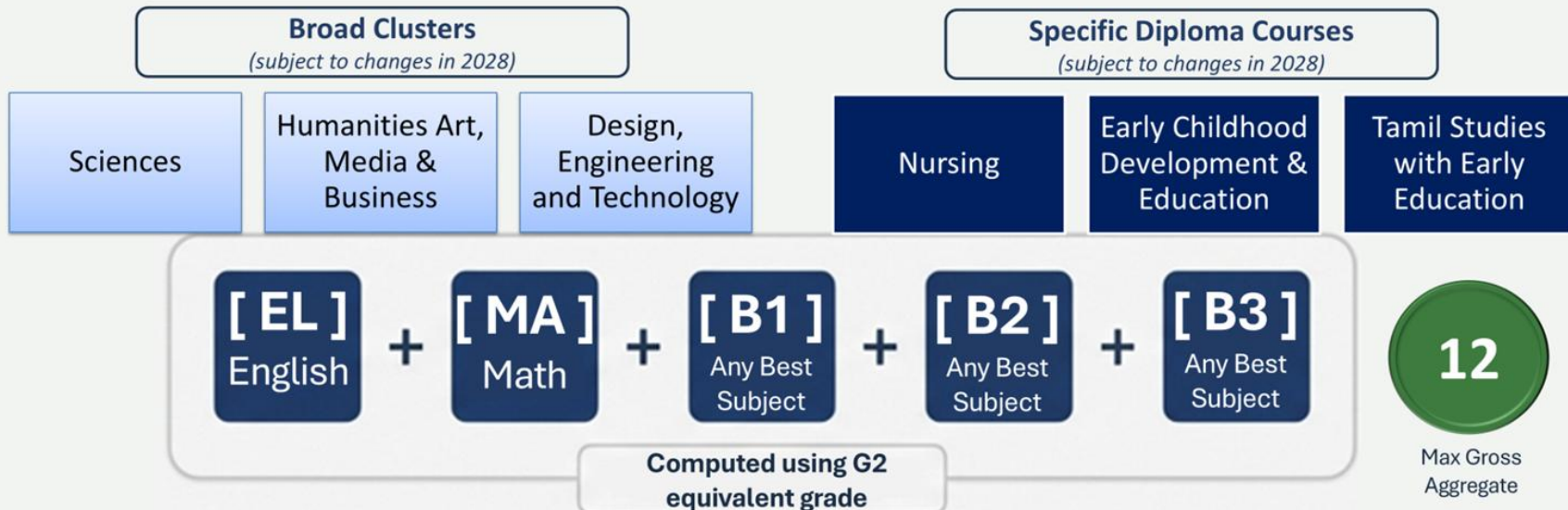
- All subjects will be offered at G3 Level, except MTL. Students may be offered to do MTL at G2 or G1.
- All options would enable students to take up any post-secondary route as min of **5 G3 subjects is met.**
- **However, students may be asked to offer subjects 6 and/or 7 at G2 to better manage their curricular load at Sec 3. (Note: Poly Y1 requires at least 4 subjects at G3)**

Polytechnic Foundation Programme (PFP)

Aggregate Type: ELMAB3



- ✓ ELMAB3 **GROSS** aggregate score uses exclusively **G2 equivalent grades** and must not exceed 12.
- ✓ Meet the Minimum Entry Requirement (MER) of the cluster/courses that you are applying for.



NOTE : G3 grades are mapped to equivalent G2 grades.
G3 grade 9 and G2 grades 5 or 6 **cannot be used** for ELMAB3 aggregate score computation.

PFP: Subject Requirements

1. EL and Math/Add Math: Grade 3

1. One Relevant Subject: Grade 3

- *Science Cluster; Design, Engineering and Technology Cluster:*
 - *D&T, NFS*
 - *Science*
- *Humanities, Arts, Media and Business cluster:*
 - *Humanities*
 - *Art*
 - *POA*

1. Remaining Two Subjects: Grade 4

ITE 2- Year *Higher Nitec*

Aggregate Type: ELMAB3

- ✓ ELMAB3 uses exclusively **G2 equivalent grades** like PFP aggregate but accommodates a higher **GROSS** aggregate score limit of 19.
- ✓ Meet the Minimum Entry Requirement (MER) of the courses that you are applying for.



NOTE : G3 grades are mapped to equivalent G2 grades (G3 grade 9 and G2 grade 6 can be used for aggregate computation, but **cannot be used** to fulfil subject specific minimum entry requirements.

Proposed Subject Combination for 2027

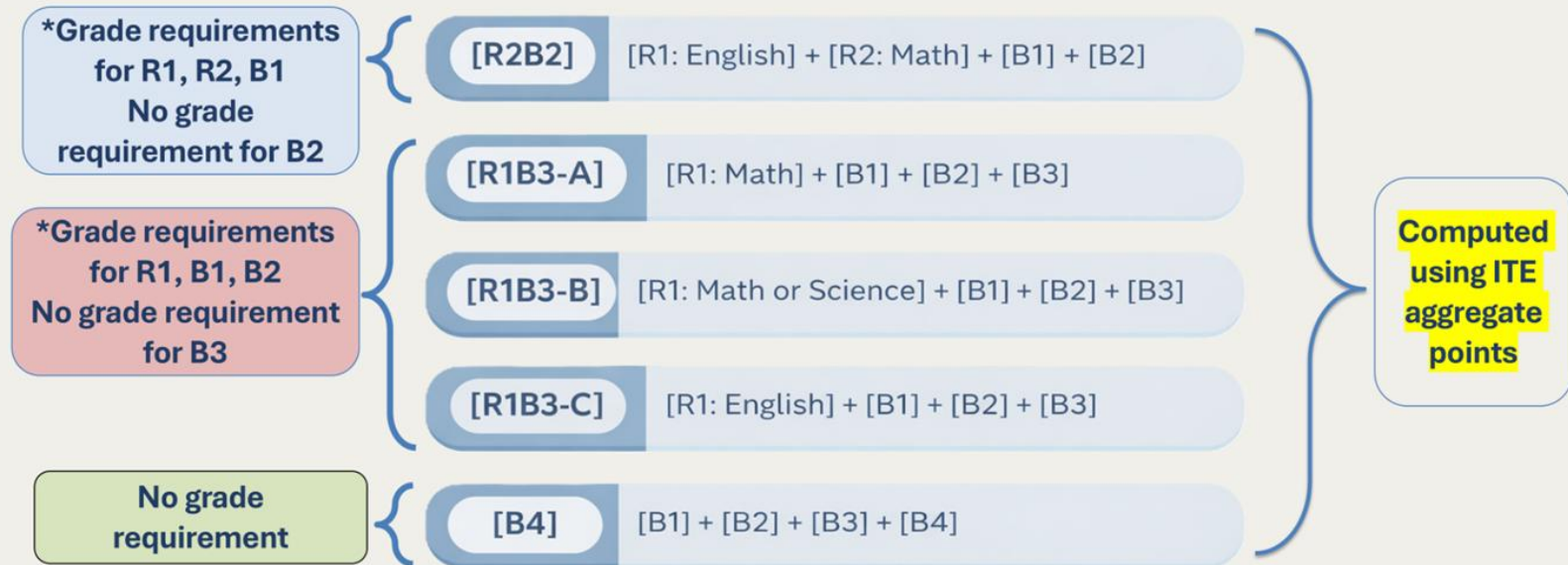
	Subject 1	Subject 2	Subject 3	Subject 4	Subject 5	Subject 6
Option 7	English G2	Math G2	MTL	Combined Sci G2	Hum G2	A Math G2
Option 8	English G2	Math G2	MTL	Combined Sci G2	Hum G2	POA G2
Option 9	English G2	Math G2	MTL	Combined Sci G2	Hum G2	Art /NFS /D&T G2

- All subjects will be offered at G2 Level, except MTL. Students may be offered to do MTL at G1 or G3.
- All options would enable students to pursue at least a PFP or Sec 5 as their post-secondary route as minimum of **5 G2 subjects is met.**
- Eligible students may be offered some of the subjects at G3.

ITE 3-Year *Higher Nitec*

Aggregate Type: R2B2, R1B3, B4

- ✓ No maximum aggregate score requirement but must meet the subject specific Minimum Entry Requirement (MER) of the aggregate types (except [B4], which has no MER). All courses within the same aggregate type share the same MER.
- ✓ If you meet the MER for the aggregate type, you will be eligible to apply for courses under that aggregate type.



NOTE : G3, G2 and G1 grades will be converted to ITE aggregate points to compute the aggregate scores.

*Grade requirement based on subject level: G3 -> A1-E8, G2 -> 1-5 and G1 -> A-D

Proposed Subject Combination for 2027

	Subject 1	Subject 2	Subject 3	Subject 4	Subject 5	Subject 6	Non-Exam
Option 10	English G1	Math G1	MTL	Science G1	Computing G1	Art/D&T/ NFS G1	SS/HEM
Option 11	English G1	Math G1	MTL	Science G1	Computing G1	EBS G1	SS/HEM

- All subjects will be offered at G1, except MTL. Students may be offered to do MTL at G2 or G3.
- Options will enable students to continue at ITE as minimum of **4 G1 subjects is met.**
- Eligible students may be offered some of the subjects at G2 or G3.

What subjects to choose? Guiding principles

Strength

- **Natural talent, quality**, or **personal trait** that gives the **student an advantage**
- Example, problem-solving, perseverance, leadership
- **Consistent** and can be **developed further**

Ability

- **Skill** or **knowledge** a student has acquired through **learning and practice**
- Example, ability to solve algebraic equations easily; write persuasive essays
- Can be **improved** with **time** and **effort**

Interests

- Things you **like** to do or are **curious** about
- Your **preferences** and what you like to spend **time** on

SUBJECTS OFFERED

Considerations in making the choice

Should I choose Pure Science or Combined Science?

	Strengths	Ability
Pure Sciences	• Strong analytical and logical thinking • Perseveres with challenging, abstract concepts • Curious about details and enjoys going deep into one subject • Comfortable handling heavier academic workload	• Have strong foundation in sciences • Able to handle rigorous, higher-order questions • Precise in explanations and application of concepts
Combined Sciences	• Adaptable across different science domains • Prefers variety and linking concepts across subjects • Sees the “big picture” and enjoys real-world applications • Able to balance workload with other subjects	• Have good foundation in sciences • Able to integrate knowledge when solving application-based questions • Practical in applying science across varied contexts

Science Options

	G3	G2	G1
Pure Science			
Chemistry (Compulsory)	✓		
Physics	✓		
Biology	✓		
Combined Science			
Physics/Chemistry	✓	✓	
Biology/Chemistry	✓	✓	
Science			✓

Choice to make

1. Pure or Combined Science
2. Physics or Biology

Considerations in making the choice

Should I take Physics or Biology?

	Physics	Biology
Interests	• Interested in how the physical world works (forces, energy, motion, electricity) • Willing to spend time mastering key principles • Math proficiency helps with problem solving • Consistent practice builds strength • Considered a “fundamental science” for many math/science-related pathways	• Interested in life sciences and human systems • Willing to spend time mastering key information • English proficiency helps with understanding and recalling terminology • Consistent recall is important for success

Humanities Options

	G3	G2	G1 Non Examinable
Combined Humanities			
Social Studies (Compulsory)	✓	✓	
Geography Elective	✓	✓	
History Elective	✓	✓	
Literature Elective	✓		
G1 Humanities (has SS component)			✓

Choice to make

1. Geography, History or Literature Elective

Considerations in making the choice - Which elective should I choose?

	GEOGRAPHY	HISTORY	LITERATURE
Strengths & Abilities	Analytical & Critical Thinking: Ability to interpret maps, graphs, data sets, and case studies Problem-Solving Mindset: Capacity to link physical and human processes (e.g., climate change, urbanisation) and evaluate possible solutions. Communication Skills: Able to write structured, evidence-based answers that explain causes, effects, and strategies.	Strong Reading & Comprehension: Ability to work with large amounts of text. [primary & secondary sources] Critical Evaluation: Assessing reliability, bias, and perspective in sources. Understanding cause and effect in history. Synthesising lots of information. Essay-Writing Skills: Building well-structured arguments, using evidence to support points, and writing under time pressure. Memory & Recall: Remembering key dates, events, people, and themes, and being able to apply them in an argument.	Analytical & Critical Appreciation: Ability to analyse text and show depth of understanding of writer's choice of words (diction), characterisation and themes. Ability to show the effectiveness of techniques used. Writing Skills: Building well-structured arguments, using evidence to support points, and writing effectively with time management. Memory & Recall: Remembering key plot and character development and being able to apply them in an argument. Communication skills: Ability to organise ideas clearly and write persuasively.

Considerations in making the choice - Which elective should I choose?

	GEOGRAPHY	HISTORY	LITERATURE
Interests	Curiosity about current global issues (climate change, migration, globalisation, sustainability). Enjoyment of both science and social studies (since geography blends physical sciences with human behaviour). Interest in how places, people, and environments are connected.	Curiosity about the past and how it shapes the present (politics, conflict, revolutions, social change). Enjoyment of reading and storytelling - history involves analysing human experiences and narratives. Willingness to debate and argue viewpoints with evidence.	Curiosity about how characters are complex and how their relationships work. Enjoyment of reading and storytelling - how compelling life experiences affect characters and their choices Willingness to take a stand or debate and explore perspectives with evidence

Considerations in making the choice

Which elective should I choose?

	Strengths & Abilities	Interest
Geography	Analytical & Critical Thinking: Ability to interpret maps, graphs, data sets, and case studies Problem-Solving Mindset: Capacity to link physical and human processes (e.g., climate change, urbanisation) and evaluate possible solutions. Communication Skills: Able to write structured, evidence-based answers that explain causes, effects, and strategies.	Curiosity about current global issues (climate change, migration, globalisation, sustainability). Enjoyment of both science and social studies (since geography blends physical sciences with human behaviour). Interest in how places, people, and environments are connected.

Considerations in making the choice - Which elective should I choose?

	Strengths & Abilities	Interest
History	Strong Reading & Comprehension: Ability to work with large amounts of text, including primary and secondary sources. Critical Evaluation: Assessing reliability, bias, and perspective in sources. Understanding cause and effect in history. Synthesising lots of information. Essay-Writing Skills: Building well-structured arguments, using evidence to support points, and writing under time pressure. Memory & Recall: Remembering key dates, events, people, and themes, and being able to apply them in an argument.	Curiosity about the past and how it shapes the present (politics, conflict, revolutions, social change). Enjoyment of reading and storytelling - history involves analysing human experiences and narratives. Willingness to debate and argue viewpoints with evidence.
Literature	Analytical & Critical Appreciation: Ability to analyse text and show depth of understanding of writer's choice of words (diction), characterisation and themes. Ability to show the effectiveness of techniques used. Writing Skills: Building well-structured arguments, using evidence to support points, and writing effectively with time management. Memory & Recall: Remembering key plot and character development and being able to apply them in an argument. Communication skills: Ability to organise ideas clearly and write persuasively.	Curiosity about how characters are complex and how their relationships work. Enjoyment of reading and storytelling - how compelling life experiences affect characters and their choices Willingness to take a stand or debate and explore perspectives with evidence

Electives

If your child chooses **Combined Science**, they can choose from the following electives

- Art
- Design & Technology (D&T)
- Nutrition & Food Science (NFS)
- Principles of Accounts (POA)
- Additional Mathematics (AMaths)

Let's find out a bit more about these subjects

Craft & Technology Options

	G3	G2	G1
Art	✓	✓	✓
Design & Technology (D&T)	✓	✓	✓
Nutrition and Food Science (NFS)	✓	✓	✓

Choice to make

- Art, D&T, NFS

Considerations in making the choice - Which elective should I choose?

	Strengths	Ability	Interest
Art	● Critical thinker ● Enjoys problem solving through art and design processes. ● Observant ● Reflective. ● Good time management	● Enjoys sketching and reflects to improve it. ● Able to plan and manage own processes. ● Patient to experiment materials, tools and equipments.	● Keen to pursue design field such as interior, fashion,etc. ● Interested in media related courses such as animation, video game graphics, videography, light and sound, etc. ● Passionate about making a statement to the world with fine arts such as ceramics, watercolourist
D&T	● Creative thinker ● Enjoys solving problems through product design and making	● Good at sketching ● Strong spatial intelligence (able to visualise objects in 3D easily) ● Able to plan and carry out the making process for design solutions	● Keen to pursue design or engineering course ● Interested in project management and product development-related activities

Considerations in making the choice - Which elective should I choose?

	Strengths	Ability	Interest
NFS	• Curious and creative • Confident in cooking and carrying out food investigation • Observant • Good time management	• Ability to follow recipes, problem solve-can adapt recipes, troubleshoot cooking issues • Able to communicate processes, findings and evaluate clearly	• Keen to pursue food science, nutrition and health or culinary related courses • Enjoys cooking and experimenting with food • Curious about reducing food waste, making eco-friendly food choices, or comparing products when shopping.

Principles of Accounts and Additional Mathematics Options

	G3	G2	G1
POA			
Add Maths			

Elements of Business Skills

	G3	G2	G1
EBS			

Considerations in making the choice

Should I take POA?

	Strengths	Ability	Interest
POA	1. Critical and inventive thinking - ability to see relationships in the elements of accounting 2. Interpretation and Analysis skills - analyse business transactions and effects on financial statements 3. Synthesis and organisation skills - prepare financial statements and interpret accounts	1. General numeracy skills - add, subtract, multiply, divide, calculate ratios 2. Memorise definitions and formats of accounts and financial statements 3. Give attention to details and accuracy in calculation 4. Logical, Structured and organised	1. Business in general 2. How business makes profit and loss 3. Accounting as a possible career choice

Considerations in making the choice

Should I take Add Math?

	Strengths	Ability	Interest
Add Math	• Algebraic Manipulation • Geometry - Spatial visualisation	• Able to explain mathematical concepts	• Enjoys proving / deriving Math formula • Enjoys solving complicated problems in a systematic way

TIMELINE

Timeline and Administration

Survey of student Interest	28 May – 3 June 2026
Subject talks	19 August 2026
2nd Parent Engagement	24 August 2026 (Mon)
2nd Briefing to students	After EOY
Submission of options [Online Platform - RJCAT]	<i>*19 - 23 October 2026</i>

***Tentative Dates**

Timeline and Administration

Release of results to students	<i>*2 to 4 November 2026</i>
Submission of appeals	<i>*4 to 6 November 2026</i>
Release of appeal outcomes	<i>*11 to 13 November 2026</i>
Release of 2027 Sec 3 class allocation	<i>*16 to 18 November 2026</i>

**Tentative Dates*

Q&A

Common Questions - Science & Mathematics

1. Eligibility for taking Pure Science.
 - A strong foundation in Lower Secondary Science and a keen interest in the subject.
2. Difference between Pure Science and Combined Science.
 - The key differences can be found in the deck of slides which we have uploaded to the school website. The considerations in deciding were unpacked earlier.
3. Is Biology offered to non express students?
 - Pure Biology is offered at G3 level. Combined Science (Bio elective) is offered at G3 and G2 levels.
4. What is the criteria to take Add Math?
 - Strong grasp of Lower Secondary Mathematics and a keen interest in Math. Definitely needs to have a good pass in Lower Secondary Mathematics so that the child can cope with the demand of Additional Mathematics.

Common Questions - Humanities

1. Is Literature offered as a subject in upper sec?
 - We offer SS/Literature at G3 demand level

Common Questions - Mother Tongue

1. What is the criteria for my child to drop Chinese from G3 to G2?

- Students are encouraged to learn their MTL to as high a level as possible and for as long as they can.
- We will only encourage students to switch to a less demanding level of MTL only after having enough curriculum runway to make informed decisions on their subject level offering.
- School will make holistic considerations based on
 - (i) maintaining strong fundamentals,
 - (ii) providing greater customisation and support for students' wellbeing, as well as
 - (iii) ensuring opportunities for progression before considering students to take mother tongue at LDL.

2. Is Mother Tongue grade used in the computation of L1R4 for JC?

- Yes. However, if Higher Mother Tongue is used as the first language (L1), Mother Tongue cannot be used as a relevant subject (R4).
- <https://www.moe.gov.sg/post-secondary/admissions/jae/changes-from-2028>

Common Questions - Math / POA

1. If my child is good in Math, will they be suitable for POA?
 - While doing well in Math is not a prerequisite for POA, basic numeracy skills is beneficial. In general, students having a good grasp of Mathematics tend to also be proficient in POA. That said, POA is also quite different from Maths in that it requires understanding accounting concepts, applying specific rules and formats consistently. Students who are detail-oriented, organised, and enjoy understanding how businesses work tend to do well in POA.

Common Questions - About Post Secondary Options

1. My child is not certain if he wants to opt for pure science. He is interested in healthcare industry.
 - Pure Science is not a required subject for admission into JC/ poly science-based course. Both Pure and Combined Science provide sufficient science foundation for good post-secondary courses that leads to further specialisations in healthcare. Students who offer Pure Science, however, may benefit from having covered topics in greater depth and rigour.
2. How does the subject combination link to the Polytechnic course options?
 - Polytechnic courses have certain minimum subject level requirements. (e.g. Poly Y1- at least 4G3, 1G2 subject; PFP - at least 5 G2 subjects). Having knowledge of these requirements can help students/ parents better plan for post-secondary progression.

Common Questions - About Post Secondary Options

1. What subjects do I need to take to qualify for JC/Poly Science related pathways?
 - Summary of pathways and subject combinations can be found in the deck of slides we are uploading in the school website. From 2028 (after your child graduates), criteria for JC admission - 5 G3 subjects (L1R4); poly admission 4G3, 1 G2 subject (ELR2B2). Check relevant websites for additional subject grade requirements.
2. Can Combined Science be used to qualify for JC? Or is Pure Science needed?
 - Yes, a student can apply to a JC if he / she offers Combined Science. A Math and Pure Science are not pre-requisite subjects for JC admission. Students with Combined Science may also take H2 Science in JC, subject to the JC's subject requirements and admission criteria.

Common Questions - About Post Secondary Options

1. How the selection of the subjects may affect the selection of majors in poly?
 - Our current subject combinations provide good foundations for your child to enter his/her desired course. Poly Yr 1 course admission is evaluated based on ELR2B2- English Lang, 2 relevant subjects to the poly course and any 2 best scoring subjects. In a nutshell, selection of poly courses not only depends on relevant subjects, but also overall performance. Most of the relevant subjects required by poly courses are present in our broad-based subject combinations - EL, Math, Combined Science, Combined Humanities requirements. For more information, do engage our ECG Counsellor.

Common Questions - About Post Secondary Options

1. If my child is taking English, Maths and Science at G1 level, what options are there?
 - With this combination, the child can apply for a range of Higher Nitec courses in ITE.
 - More information can be found at <https://www.ite.edu.sg/courses/full-time-courses>

Common Questions - Operational

1. How many classes of Pure Science will there be?
 - There is no definite number of Pure Science classes. The number of classes will depend on the number of students applying and qualifying for the combination.
2. Is there a quota for certain subjects selected?
 - Yes. Due to limited resources. If class size is small, we may need to offer the 2nd option.
3. Will the classes be reshuffled in Secondary 3?
 - Yes, there will be a reshuffling of classes.

Common Questions - Operational

1. If my child chooses Pure Sciences and along the way, he could not cope, can he drop anytime?
 - It is important to make an informed choice after the EOY examinations. This is done by understanding the child's strengths and abilities before deciding whether Pure Science is the right choice. Depending on the situation, we may follow up with you and your child to explore converting to Combined Science instead.

Q&A

THANK YOU