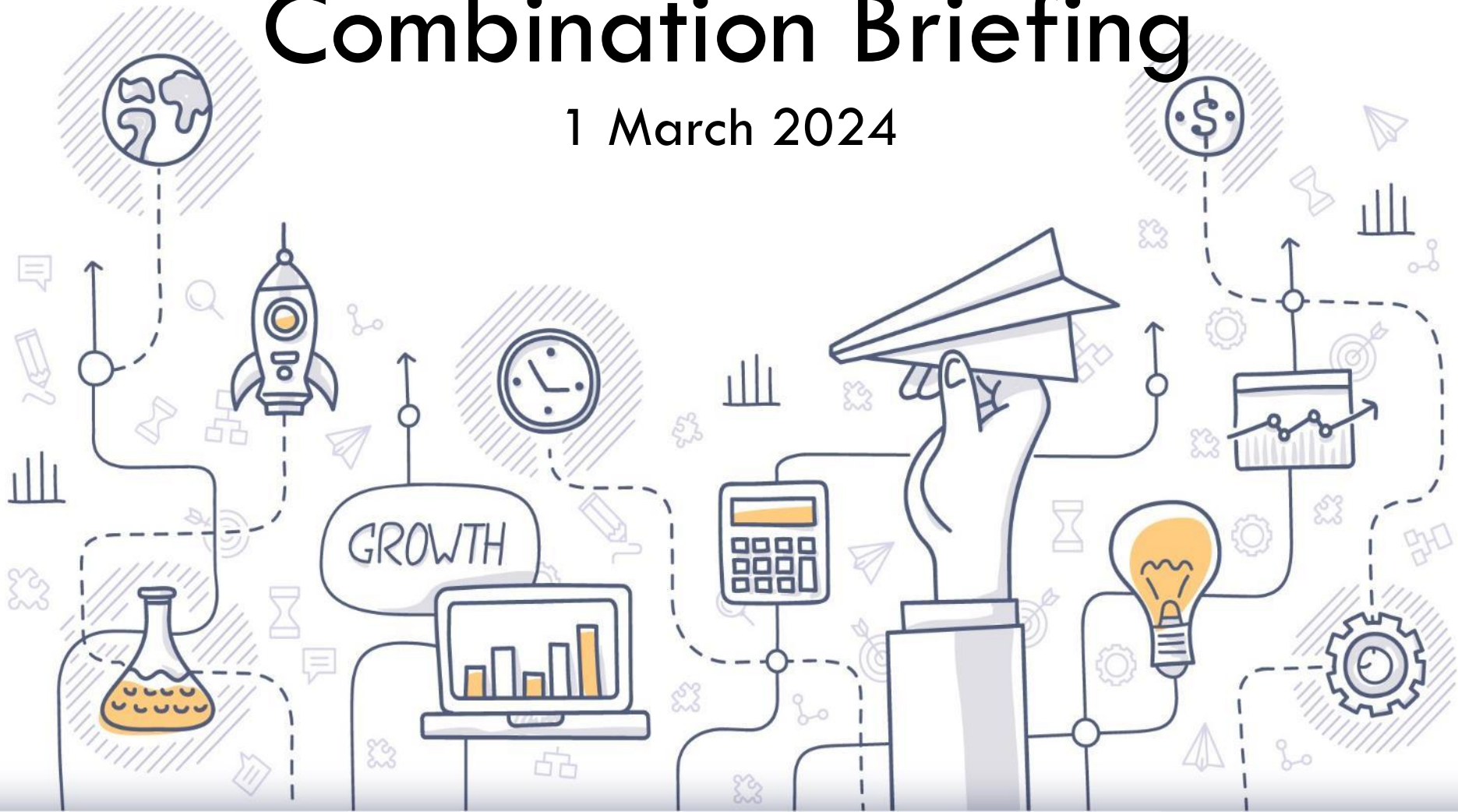
Sec 2 N(T) Subject Combination Briefing

1 March 2024



Overview

- Importance of choosing the right subjects
- Subject combinations offered
- Considerations when exercising choices
- Allocation process
- Preparation needed

Importance of choosing the right subjects

End of Sec 4
Affects the type of tertiary education and course of study you are eligible for

End of tertiary education
Affects the interest/ passion/ aspiration / career you wish to pursue

End of Sec 2
The subjects you choose

Middle of Sec 2
Your academic performance now!

Key Principles of Upper Secondary Subject Combinations

01

Provide a range of options to cater to student needs and interests

Enable access to multiple post-secondary pathways while ensuring manpower resource is sustainable

02

Nurture students' ownership through voice and choice

Support informed decision-making based on assessment of demonstrated strengths and identified aspirations

03

Enable each student to succeed based on his/her current and demonstrated comparative strengths

Set reasonable criteria for subjects identified to be challenging

Subject combinations offered in BMSS

- All Secondary 3 students will offer at least 5 and up to 9 secondary examinable subjects
- N(T) students generally take Z subjects
- Some of these subjects/combinations are more challenging. Hence, criteria are set to enable each student to succeed based on his/her comparative strengths.

Subject combinations offered in BMSS

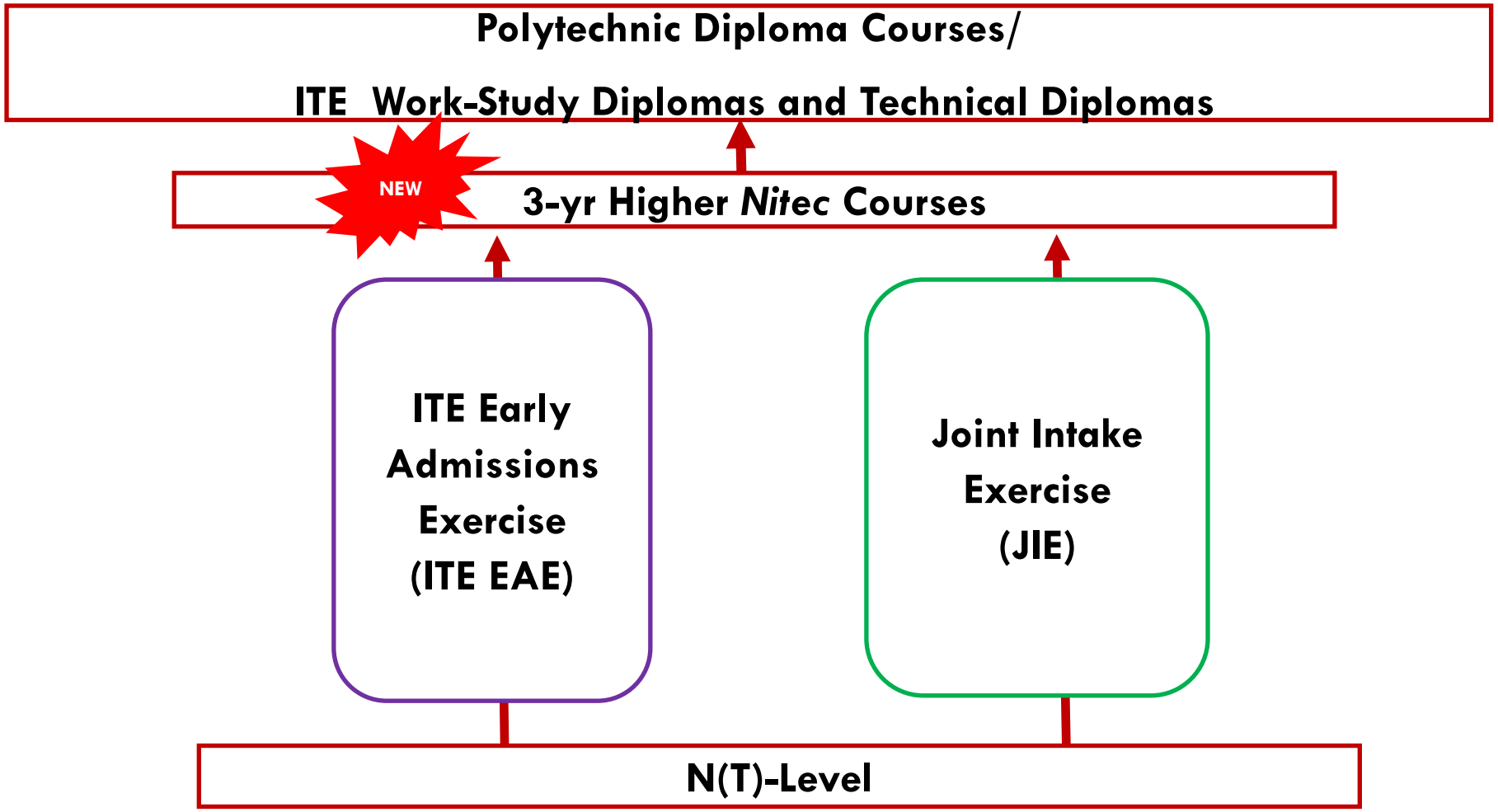
No	Subjects
1	English Language
2	Basic Mother Tongue
3	Mathematics
4	Computer Applications
5	Social Studies (non-examinable)
6	**Choice of** • Elements of Business Studies • Science
7	**Choice of electives** • Art • Design & Technology • Nutrition & Food Science

Subjects offered at N(A) Level standards for selected students
English Language
Mother Tongue
Mathematics
Science(Physics/Chemistry) Science(Chemistry/Biology)

Consideration 1: Translating interests into demonstrated strengths & aspirations

What do you want to do in future?

Consideration 2: Desired tertiary education & course



Consideration 2: Desired tertiary education & course

3-year Higher Nitec Route

3-Year *Higher Nitec* Courses by School	Course Code	College Code	2023 JIE 'N' ITE Aggregate Point (based on 4 subjects)	Minimum Entry Requirements
ELECTRONICS & INFO-COMM TECHNOLOGY				
AI Applications ⑦	HF3AI	CC-AM CW-CK	4 6	3 GCE 'N' Passes (Grade A-D or Grade 1-5) in Mathematics or Science* and two other subjects **Or** 2 GCE 'O' Grades (Grade 1-8) in any two subjects * Mobile Robotics, Smart Electrical Technology, Mechanical Design & Automation, IoT Applications and Mobile Web Applications subjects can be used in lieu of Science for admission to these 3-Year *Higher Nitec* courses
Business Information Systems ⑦	HF3BI	CE-SM	5	
Cyber & Network Security ⑦	HF3CN	CC-AM CE-SM CW-CK	4 7 6	
Data Engineering ⑦	HF3DE	CW-CK	5	
Electronics Engineering ②⑦	HF3EC	CC-AM CE-SM CW-CK	8 11 10	
Immersive Applications & Game ⑦	HF3IG	CC-AM	2	
IT Applications Development ⑦	HF3IA	CC-AM CE-SM CW-CK	4 7 9	
IT Systems & Networks ⑦	HF3IS	CC-AM CE-SM CW-CK	7 9 11	

3-Year Higher Nitec courses are competitive

(8 points means 2 points for each subject)

What are your abilities, strengths and weaknesses?

Consideration 2: Desired tertiary education & course

Some courses require relevant subjects

For example:

Entry Requirements

GCE 'N' level passes in Mathematics or Science* and 2 other subjects:
Grade A-D or Grade 1-5

What are the requirements for your desired course?

Consideration 3: Subject readiness

[Content] Science vs EBS

Science	Elements of Business Studies
To relate to their everyday experiences and the commonly observed phenomena in nature. 3 Core Modules • Machines Around Us • Food Matters • Our Body and Health	To develop in students the knowledge, skills and attitudes to be productive employees and contributing members of society. Focus on: • understanding of business activities in service industries • basic business marketing • communication skills • customer relations skills

Consideration 3: Subject readiness

[Demand] Science vs EBS

	Science	Elements of Business Studies
Exam Format	**Paper 1 (50%, 50m 1h 15 min)** **E-Examination** **Multiple choice, selected response, short-answer and structured** **Paper 2 (50%, 50m, 1h)** **Short-response and structured** • Including one data-response question, requiring candidates to interpret, evaluate or solve problems using data and/or observations	**Paper 1 (60%, 100m, 1h 30min)** **Written Paper** • Short-response and structured **Paper 2 (40%, 80m, 20h lesson time)** **Coursework** • Conduct research + type written proposal to improve on a business in one of the three service industries: travel and tourism, hospitality and retail industries
ITE	Can be used in place of Mathematics for selected courses in School of • Applied & Health Science • Design & Media • Electronics & Info Comm • Engineering	

Consideration 3: Subject readiness

[Content] Coursework Subjects

Design & Technology

- Design and prototype ideas
- Understand everyday activities and creating possibilities to make life better.
- Cultivate creative, critical and reflective thinking
- Develop related dispositions and skills using graphical means and technology

Nutrition & Food Science

- Lead a healthier lifestyle proactively through proper diet and nutrition.
- Advocate sustainable food consumption by planning and making appropriate food choices.
- Apply principles of culinary science creatively in food preparation and cooking.

Art

- Foster self-confidence and a sense of achievement
- Nurture a spirit of exploration, inventive thinking and creative expression
- Cultivate an awareness and appreciation of art to make informed responses to works
- Develop a keen interest and build a foundation in art for further educational/professional pursuit

Consideration 3: Subject readiness

[Demand] Coursework Subjects

	Design & Technology	Nutrition & Food Science	Art

Exam Format	**Paper 1 (30%, 1h)**
	Written Paper
	
	Paper 2 (70%, 20 weeks)
	Coursework
	• Involves design journal, mock-up(s), presentation boards and prototype
		Paper 1 (40%, 80m, 1h30m)
		Written Paper
		
		Paper 2 (60%, max. 35h)
		Coursework
		• Involves background study, decision making, exploration, planning, execution and evaluation
		• To present in presentation format, max. 35 slides
			Paper 1 (40%, 3h)
			Art Task
			• Select one product to respond in relation to the task and visual stimulus given. (Task to be given 5 weeks before N(T) level exam)
			
			Paper 2 (60%, 18 weeks)
			Coursework
			• 2 Final Artwork
			  • 1 Fine Art
			  • 1 Design Work
			• Digital Journal for each final work

Summary

1. **Interest/passion/aspiration**
   - What do you want to do in future?

2. **Desired tertiary education & course**
   - What are your abilities, strengths and weaknesses?
   - What are the requirements for your desired course?

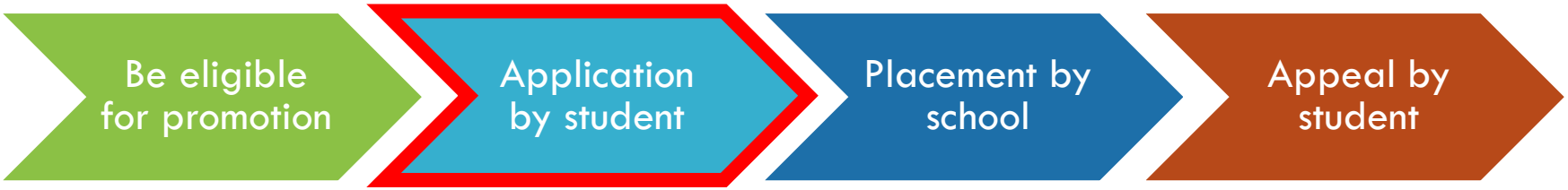
3. **Subject readiness**
   - Are you interested in the subject?
   - What are the demands for the subject?

Allocation Process

Promotion Criteria

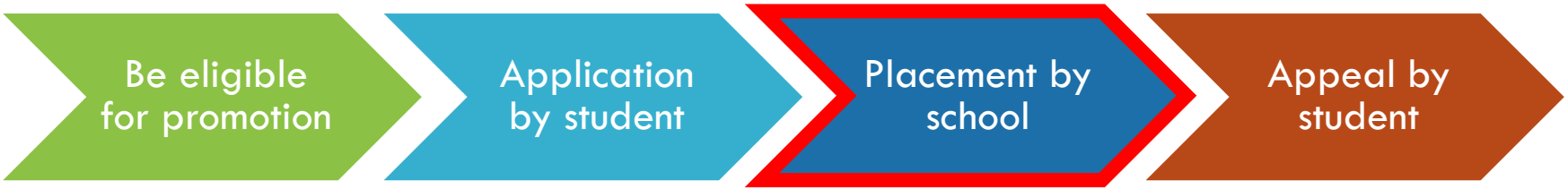
Promoted to **3N(T)**	Laterally transferred to more demanding stream **2N(A)**	**Retain** at 2N(T)
• Pass in English or Mathematics • Pass in 1 other subject	• 75% in all NT subjects for SA2	• Has not met minimum attainment level

Allocation Process



- After the End-of-Year Examinations
- A session will be conducted on how to submit your choices

Allocation Process



1. Placement is determined through
   - meeting the **minimum criteria** for certain subjects
   - **professional assessment** by your teachers, including your attitude, strengths and weakness, results and historical trends
2. Subjects which are over-subscribed will be **awarded to students based on results**
3. Subjects will only be offered if a **reasonable number of students** opted for them and there is **available resources**

Allocation Process

- Students and parents will be given 3 days to submit an appeal to the school. Appeals should be supported by good reasons.
- **The school's decision after the appeal is final.**
- **No further changes to subject combination after the appeal phase.**

Schedule of Activities

S/N	Activity	Time
1	Upper Secondary Subject Combination Briefing for students and parents//guardians	March
2	Simulation of Upper Secondary Subject Combination Application • Students submit choices online based on WA results NEW	June holidays [First Week]
3	Actual Upper Secondary Subject Combination Exercise • Briefing conducted for students after end-of-year examinations • Student submit choices online • Subject combinations allocated to students • Students submit appeals [if applicable]	Oct/ Nov

Ongoing activities:

- Students do online research and discuss with their parents/guardian. If necessary, students can make an appointment to consult ECG counsellor
- Relevant subject teachers clarify student doubts/ share more details about upper secondary elective subjects during the course of their teaching

Ways to be better prepared

1. Identify aspiration and interest early

- Find out your child's aspiration.
- Ask your child to share their experience in class!

2. Review academic performance and goals

- Identify your child's academic strengths and weaknesses.
- Guide them to set realistic goals and put in consistent effort.
- Work with our teachers.

3. Be more informed

- Research on post-secondary courses together with your child.
- Talk to our teachers, ECG counsellor, family/relatives

ECG Counselling

Make an appointment with Senior ECG Counsellor Mr Damon Choo*

- Appt Link:
  - Go.gov.sg/bmssecg
- Contact details:
  - Choo_soon_heng@schools.gov.sg
  - 8746 8303 (Whatsapp only)

*Mr Choo is physically present in BMSS every Monday, Tuesday and on some Fridays

Venue: ECG Room (Beside Block A Level 2 Staffroom)