

*Warmest Greetings to
All Parents / Guardians!*

2024 Sec 3 Subject Combination Briefing

Sharing for **Sec 2 Normal (Academic) Course**

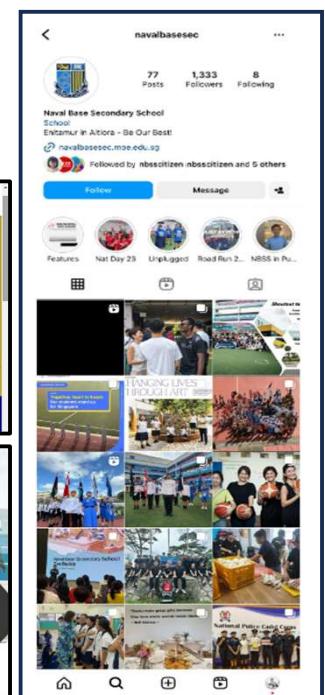
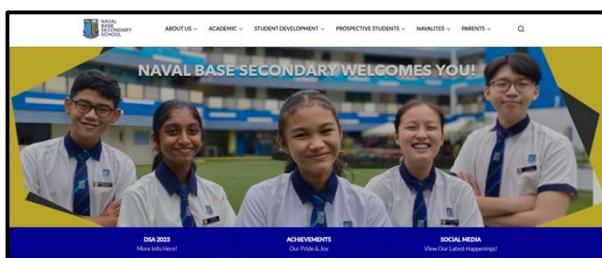
LEADERS OF CHARACTER | SCHOOL OF EXCELLENCE



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Stay in touch with us!

- navalbasesec
- navalbasesec
- navalbasesec.moe.edu.sg
- Parents Gateway



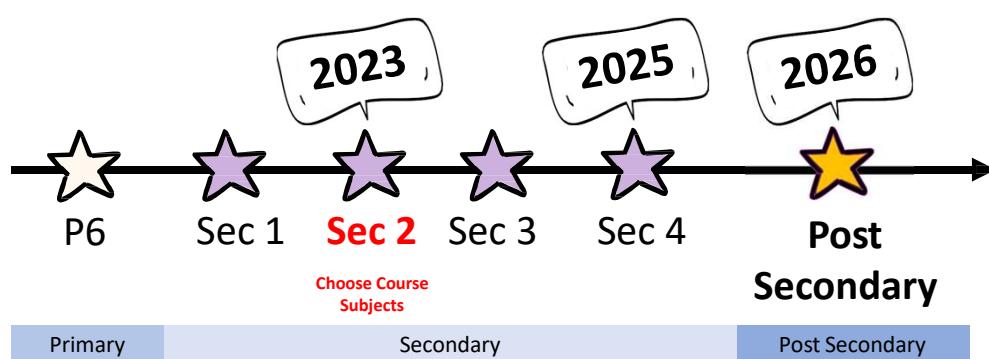
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WHAT IS HOLISTIC LEARNING?

Creative/Artistic	Physical	Intellectual	Social	Emotional
 <p>The Arts: Opportunities for creative expression. Understanding how creative stimulus helps us to understand versions of the world and our place in it.</p>	 <p>Using and developing our full range of physical and sensory capacities to make sense of the world around us.</p>	 <p>Knowledge and understanding of the world, conceptual and physical, making connections, building intellectual capacity and executive functioning skills, including meta-cognition.</p>	 <p>Face-to-face: understanding social systems, social cues, managing one's own interactions Virtually/digitally: understanding, decoding and critical awareness of one's own and other's interactions digitally</p>	 <p>Recognising and regulating own and others behaviours, triggers and responses. Creating the space between action and reaction where emotional responses are concerned.</p>

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Educational Milestones



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**How can I help my
child to make an
informed
decision?**



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1 Emerging Skills for 21st Century

Being prepared and relevant

2 Know Your Child

Empower them to take ownership of their goals

3 Know the Post-Secondary Course Requirements

Matching strengths, interests, aspirations and requirements

4 Making the Choice

Which subject combination should your child choose?

5 Know the Subject Electives

Overview of subject electives

6 Schedule

Timeline to subject combination exercise

**How can I help
my child to make
an informed decision?**

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Emerging Skills for the 21st Century

Being prepared and relevant

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Emerging Skills for the 21st Century

Going beyond grades: Evolving the Singapore education system

Apr 2016, Straits Times

The PSLE revamp is part of a larger shift away from academics towards broadening opportunities for students to discover their interests and talents, and develop life skills, a sense of curiosity and a love for learning. Experts say that while this is a necessary change, it will take time for the country to embrace it and move away from its preoccupation with marks.



Post Secondary Landscape has Changed Significantly: Beyond Academic Grades

Nov 2018, Straits Times

New direct school admission portal to be launched; NUS, NTU to drop O-level grades when taking in poly grads



NUS law faculty to shortlist more JC, MI students

May 2022, Straits Times

It is also seeking out strong candidates from polytechnics as part of bid to cast net wider

Amelia Teng
Education Correspondent

The National University of Singapore's (NUS) law faculty, which offers one of the most popular courses in the country, will start shortlisting students from next year. "We had the capacity to shortlist, interview and test applicants from secondary schools and polytechnics in parallel, we have also sought to expand our pool of applicants from Singapore's polytechnics," said Prof Chesterman.

That preference at the writ-

Looking beyond grades for course on social work

Feb 2022, Straits Times

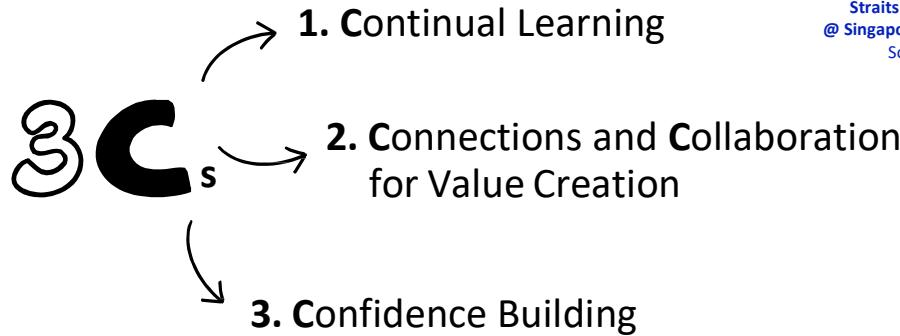
In this part of the askST education series, The Straits Times answers two questions from parents on the Singapore University of Social Sciences

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Emerging Skills for the 21st Century



Minister Chan Chun Sing at the
Straits Times Education Forum
@ Singapore Management University
Source: Straits Times
10 Feb 2022



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Emerging Skills for the 21st Century

1. Continual Learning

- Learning throughout Life because success is never static
- Must stay relevant and competitive, to anticipate and be adaptable to future challenges



Minister Chan Chun Sing at the
Straits Times Education Forum
@ Singapore Management University
Source: Straits Times
10 Feb 2022

2. Connections and Collaboration for Value Creation

- Broaden personal perspectives through network and internships/ work attachments
- Gain exposure to life skills beyond academia

3. Confidence Building

- Understanding our strengths, weaknesses and interests as individuals
- Appreciate talents and diversities



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Emerging Skills for the 21st Century

 , Building the 3Cs in NBSS

Secondary 1 Ready for School I am	<ul style="list-style-type: none"> • I know myself 	Secondary 2 Ready for the Community I can	<ul style="list-style-type: none"> • I know myself • I can make informed decisions • I know my community
Secondary 3 Ready for the Society I will	<ul style="list-style-type: none"> • I know myself • I can make informed decisions • I know my role in society 	Secondary 4 Ready for the Future I will be	<ul style="list-style-type: none"> • I know myself • I can make informed decisions • I know my role in society • I can make a difference



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Emerging Skills for the 21st Century



, Building the 3Cs in NBSS



- Curriculum

- Cohort wide Coding Program for all Sec 2s
- Sec 2 Leadership Modules
- IPW- Environment
- ALP & LLP
- Cultivate Learning Dispositions – reading habits



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Emerging Skills for the 21st Century



Building the 3Cs in NBSS



Internationalization

- Every Navalite will have an opportunity for an overseas learning experience

Opportunities & Exposure

- Learning Journeys
- Work attachment/ Internship in Sec 3
- AEM & EM
- Assembly talks



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Emerging Skills for the 21st Century



- CCAs
- Level Camps
- Self-initiated VIA
- Leadership opportunities
- Advocating students' voice



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Know Your Child



1. Strengths

Your child's **strengths** in the subjects - realistic expectations of your child's ability to cope with the demands of various subjects.



2. Interests

Your child's **interests** and hence the intended course of study beyond secondary school.



3. Aspirations

Engage your child in conversations and activities to explore their career **aspirations**.

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Know Your Child



What are their ...

✓ **Favourite subjects**

e.g. Humanities, Sciences, Mathematics, Language

✓ **CCAs**

e.g. growth areas, leadership opportunities

✓ **Interest areas**

e.g. IT, reading, arts, sports

✓ **Strengths**

e.g. Proactive in problem solving, reading in area of interests

✓ **Career interest**

e.g. Computing, Engineering, Science, Public Service, Health Care, Finance, Tourism

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Know Your Child: Explore MySKILLSfuture Portal With Your Child

Google

myskillsfuture secondary

About MySkillsFuture

MySkillsFuture for students is a one-stop platform to help you better understand yourself, your interests and strengths. You can use relevant information and tools to explore different education and career pathways! This portal will help you identify career goals and make informed education and career choices.

Discover more about yourself, explore the different education and career pathways and start planning for your future!

DISCOVER

Find Out More About Yourself

Discover more about your career interests, skills, work values, and learning styles. These tools are meant to facilitate self-awareness and exploration. You may use them as a guide to plan your education or career. Do speak to your parents, teachers and Education and Career Guidance counsellors if you need further advice.

Career Interests, **Skills Confidence**, **Work Values**, **Learning Styles**

Which tool should I start with?

Every tool here allows you to discover a different aspect of yourself. It will help to bring you a step closer to finding the educational and career pathway most suited for you.



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**Know Your Child:
Explore My SKILLSfuture Portal With Your
Child**

<https://www.myskillfuture.gov.sg/content/student/en/secondary.html>

Self Profiling

Personality Type	Characteristics	Post-Secondary Courses	Relevant Subjects
Conventional	Likes structure, enjoys taking orders, interested in details, prefers clear structures.	Accounting, Pharmaceutical Science, Engineering	
Investigative	Logical, curious, likes to solve problems.	Aeronautical/Maritime, Environmental Engineering, Computer Science, Biomedical Sciences, Healthcare-related	
Realistic	Can be athletic, likes to work with tools, animals using hands.	Creative Media, Fine Arts, Sports related, Healthcare related	
Artistic	Enjoys creating, sees trends, unstructured.	Design, Math, Art, Drama, Creative Media, Fine Arts, Film, Sound & Video, Game Design & Animation, Product Design	
Social	Enjoys helping others, likes working in teams, enjoys teaching.	Mass Communication, Early Childhood Education, Psychology, Social Work, Social Enterprise	
Enterprising	Likes to influence and persuade, gives opinions, manages and leads people.	Business, Hospitality, Tourism, Retail, Arts, legal-related	Math; Language, Math; Geography; Language, History; English

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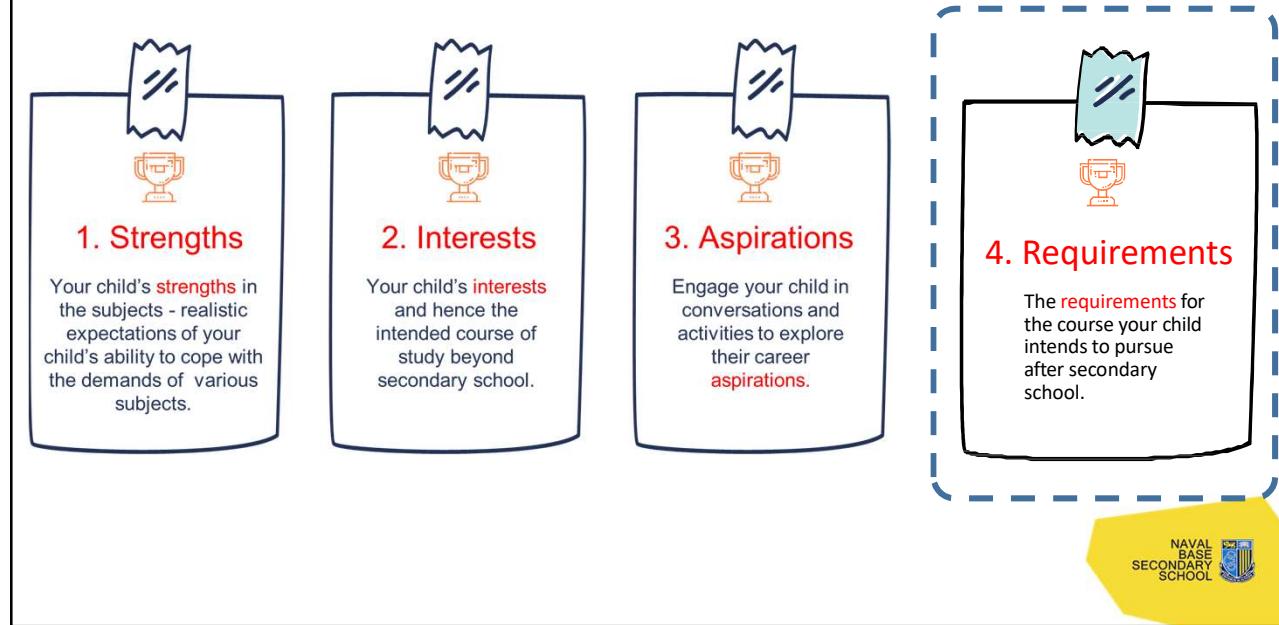
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Know the Post Secondary Course Requirements

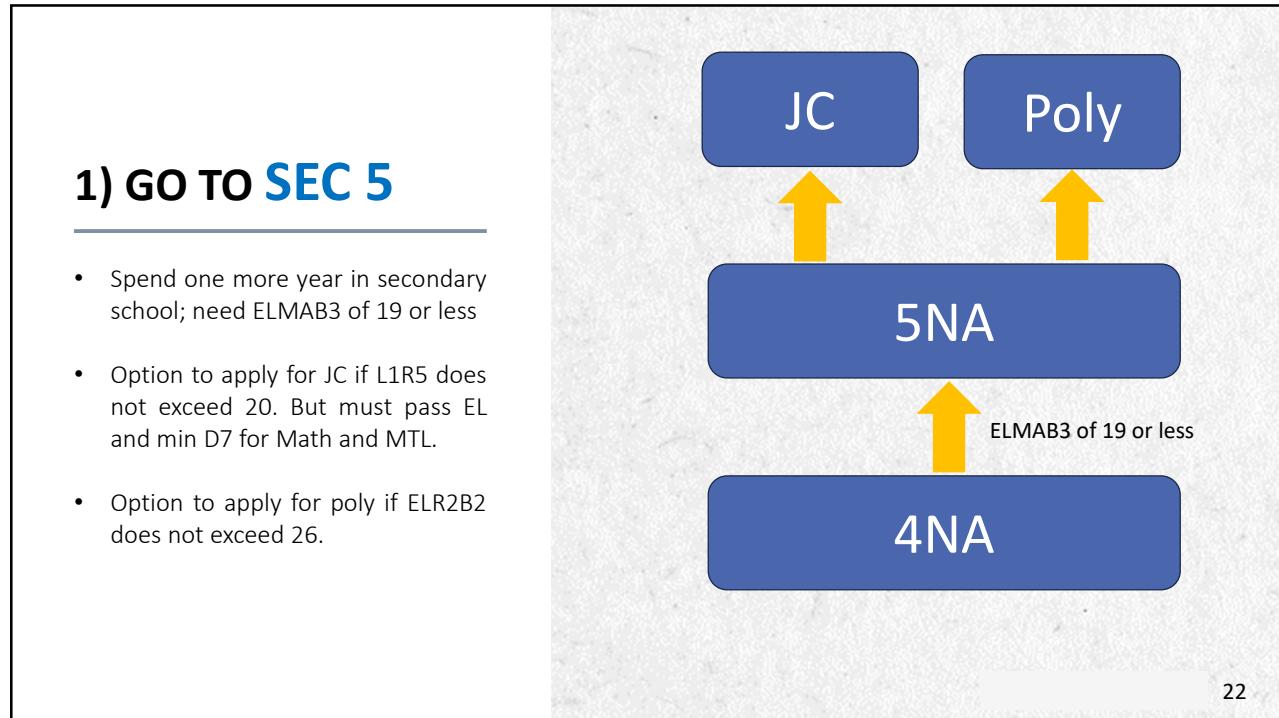
Matching strengths, interests, aspirations and requirements

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Know the Post-Secondary Course Requirements



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2) APPLY FOR PFP

- Spend one more year in poly to do a foundation year
- Need ELMAB3 of 12 or less (excluding CCA bonus points) with subject specific requirements
- 1500 places set aside
- Application in January 2026

ELMAB3 of 12 points or better (excluding CCA bonus points) and the following subject-specific requirements:	Minimum Required Grades	
	Group 1 Applied Sciences / Engineering / Health Sciences / Information & Digital Technologies / Media & Design	Group 2 Business / Humanities
English	3	2
Mathematics	3	3
One relevant subject	3 (D&T, NFS, Comb. Science)	3 (Art, Comb. Hum, POA)
Any two other subjects (excluding CCA)	4	4

ELMAB3 of 12 or less

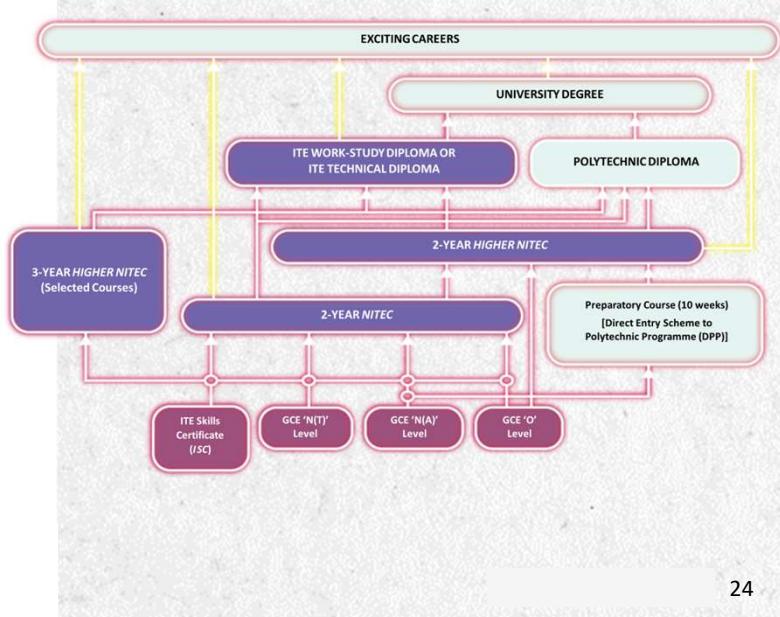
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3) APPLY FOR ITE

- Follow your own pace in a course of your interest
- Specialise in a field of study over time and work toward diploma and degree
- Your progress depends on your hunger for success and the efforts you invest for your future.



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DIRECT ENTRY SCHEME TO POLYTECHNIC PROGRAMME (DPP) REQUIREMENTS AFTER N(A) LEVELS

ELMAB3 of 19 points or better (excluding CCA bonus points) and the following subject-specific requirements:	Minimum Required Grades	
	Applied Sciences, Engineering or Info-Communications Technology	Business & Services or Hospitality
English	4	3
Mathematics	4	4
Any 3 other subjects (excluding CCA)	5	5

Through DPP, you enrol in a 2-year Higher Nitec course and subsequently be assured of a place in a related polytechnic course, provided you achieve the qualifying Grade Average (GPA) score.

ALPINE SKI HOUSE 25

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Mariam Bte Muhammad Noor



Since she was young, Mariam's parents have inspired her to pursue all things in life with passion. Having a strong desire to serve people, Mariam has always been keen to explore the different sectors in the service industry.

Discussions on career and academic pathways pointed her to work in the hospitality sector. She was also advised to enrol in the Higher Nitec in Hospitality Operations course in 2013. The career guidance and experiences shared by her course lecturer further strengthened her interest in the hospitality sector and motivated her to excel in the course. An internship opportunity also provided an eye-opening

Mariam's Education and Career Pathway



ALPINE SKI HOUSE

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FRAMEWORK FOR 3-YEAR CURRICULAR STRUCTURE

NEW! 3-YEAR PATHWAY

STREAMLINED ITE CURRICULUM | MORE STUDENTS TO ATTAIN HIGHER NITEC IN SHORTER TIME

HIGHER NITEC CERTIFICATION

YEAR 3
SPECIALISING SKILLS:
• Specialisation Modules

YEAR 2
DEEPENING SKILLS:
• Cluster Core Modules

YEAR 1
BUILDING FOUNDATION:
• Sector Foundation Modules

Other modules offered: Life Skills • English Language • Mathematics • Cross-Disciplinary Core

NEW FEATURES

- Accelerated Pathway
- Advanced Standing for Work-Study Diploma
- Bite-Sized Modules
- Cross-Disciplinary Core

Institute of Technical Education

The enhanced curricular structure aims to :

- Streamlining the current *Nitec* and *Higher Nitec* curricula, this new option
- Allows students to attain a *Higher Nitec* qualification **directly, in only three years instead of the current four years.**

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Early Admission Exercise (EAE)

Secure a place at ITE before GCE 'N' or 'O' Levels, through Interests and Aptitude.

- 1 Apply for a Course based on your Aptitude and Interests, not on your Prelim results
- 2 Attend an Interview/Aptitude test, if selected
- 3 Receive a Conditional Offer for Admission to ITE before your GCE 'N' level exams
- 4 Meet the Minimum Entry Requirements of the Course and you can join ITE

Application (May to Jun)

Submit EAE application online
(Write up + Supporting documents)

Selection & Interview (Jun to Jul)

Shortlisted applicants will have to undergo interviews and/or aptitude tests

Offer & Acceptance (Aug)

- Conditional offer will be given to successful applicants.
- Applicants are required to **accept** the offer within a specified period
- Successful applicants will get a place in ITE as long as they meet the **minimum entry requirements** of the course in their N-level results

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Outstanding Students

Nurhidayatul Shafawati Binte Ibrahim
Nitec in Microelectronics
2023
Naval Base Secondary School

Muhammad Herwandy
Mohammad H
Higher Nitec in Sport
Management
2023

Leong Hui Ling
Higher Nitec in
Accounting
2022

Muhammad Sufyan
Bin Sunaidy
Nitec in Business
Services
2021

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ITE Work-Study Diploma Programmes



Business

1. Community Engagement & Development [CC]
2. E-Commerce & Retail [CC]
3. Event Management [CC]
4. Lifestyle & Recreation Management [CC]
5. Maritime Business Management [CC]
6. Airport Operations
7. Culinary Arts & Management
8. Customer Experience Management (Aviation)
9. Customer Experience Management (Lifestyle and Consumer)
10. Fitness Management
11. Hotel & Restaurant Management
12. Logistics & Supply Chain Management
13. Opticianry
14. Patient Management & Services
15. Rehabilitation Care
16. Security Operations [CC]: Available at ITE College Central



Engineering

1. Aircraft Cabin Engineering [CC]
2. Aircraft Engine Maintenance [CC]
3. Aircraft Maintenance Engineering [CC]
4. Architectural BIM & Design [CC]
5. Automation Engineering [CC]
6. Marine & Offshore Engineering [CC]
7. Microelectronics [CC]
8. Agriculture & Aquaculture Technology
9. Applied Electronics & AI
10. Arboriculture & Horticulture
11. Chemical Process Technology
12. Electrical Engineering
13. Facility Management
14. Land Transport Engineering
15. Mechanical & Electrical Services Supervision
16. Mechanical Systems Engineering
17. Port Automation Technology
18. Security Systems Engineering
19. Vertical Transportation



Infocomm & Media

1. Cloud Management & Operations
2. Cyber Security & Forensics
3. Data Centre Infrastructure & Operation
4. IoT & Data Engineering
5. IT System Integration
6. Media Communication & Digital Marketing

MER*: Nitec – GPA2.0 / HNitec – no min. GPA



Earn as You Learn



Opportunities for Career Progression



Enjoy Staff Benefits and a Monthly Salary



Sign on incentive of \$5,000

#: From relevant feeder courses only

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Our Training Facilities – Workplace@Campus, Campus@Workplace

Authentic Learning @ College Central



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Parents & Schools: Partners in Education

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Attendance and Conduct

1. Leave from school
 - Concerns about part-time jobs
2. Co-Curricular Activities (CCA)
3. Discipline and Guidance
 - Place emphasis on care and understanding
 - A culture of care, zero tolerance for bullying



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Importance of Communication

- We are good role models to your child.
- We want the best for your child.
- We look into the well-being of our teachers so that they can give the best to your child.



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Communication Channels

1. Student-Teacher-Parent Conferencing (SPTC)
2. Termly Letters to Parents
3. Parent Gateway
4. Facebook & Instagram
5. School website: www.navalbasesec.moe.edu.sg
6. Email: nbss@moe.edu.sg
7. Admin Centre Tel no : 62571996
8. Student Handbook



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THE EDUCATION NEWS SITE

HOME EDUCATION FEATURES TEACHERS' DIGEST MULTIMEDIA FAQ

Home > [Raising a teenager is like flying a kite: Learn when to pull in or let go](#)

Raising a teenager is like flying a kite: Learn when to pull in or let go

03 JAN 2019



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Getting through tough times with our teens

21 OCT 2021



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THE EDUCATION NEWS SITE

HOME EDUCATION FEATURES TEACHERS' DIGEST MULTIMEDIA

Home > [When family problems affect children in school](#)

When family problems affect children in school

24 JUN 2015



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Home Environment

- Ensure that there is a conducive environment for his/her revision, for e.g. a study table
- Set some house rules (e.g. no hp during mealtimes)
- Build rapport with your child



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Affirm effort
Celebrate success
Empathise with challenges



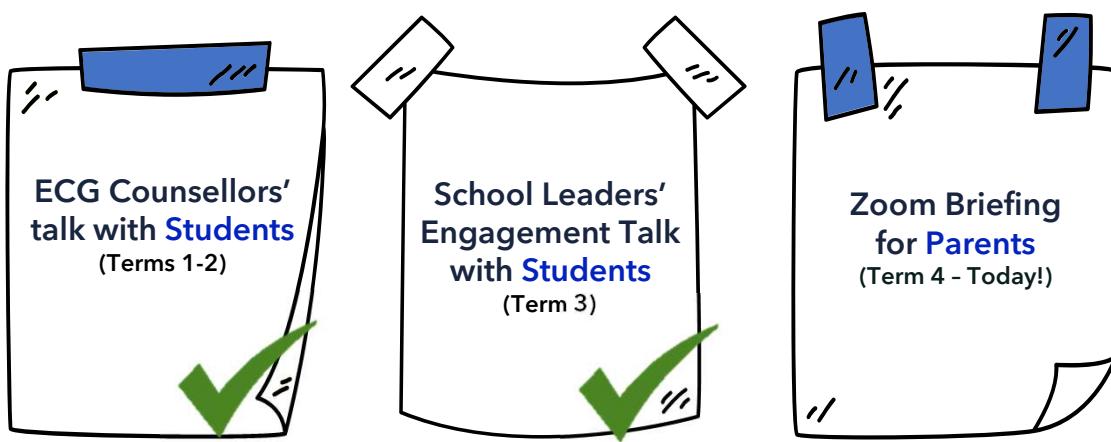
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Alone we can do so little; together we can do so much.
Helen Keller

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Secondary 3 Subject Combination Talks



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Purpose of Subject Combination Exercise

- All courses offered allow students to progress to post-secondary education (e.g. JC/CI, Polytechnic or ITE)
- Every student should get the most appropriate subject combination to develop to the best of his/her ability, interests and potential
- Choosing different subjects impacts the choice of courses in post-secondary institutions



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Guiding Principles



Holistic Development

Balance studies, CCA, friends, family and external activities



Interests & Aspirations

Post-secondary



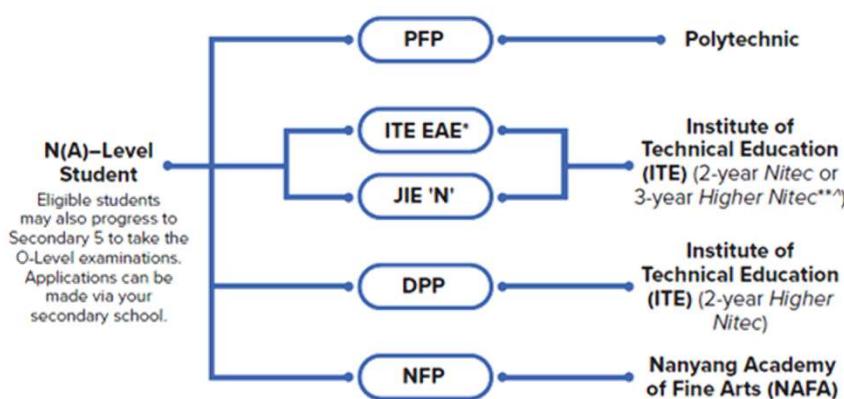
School Resources

Availability and capacity



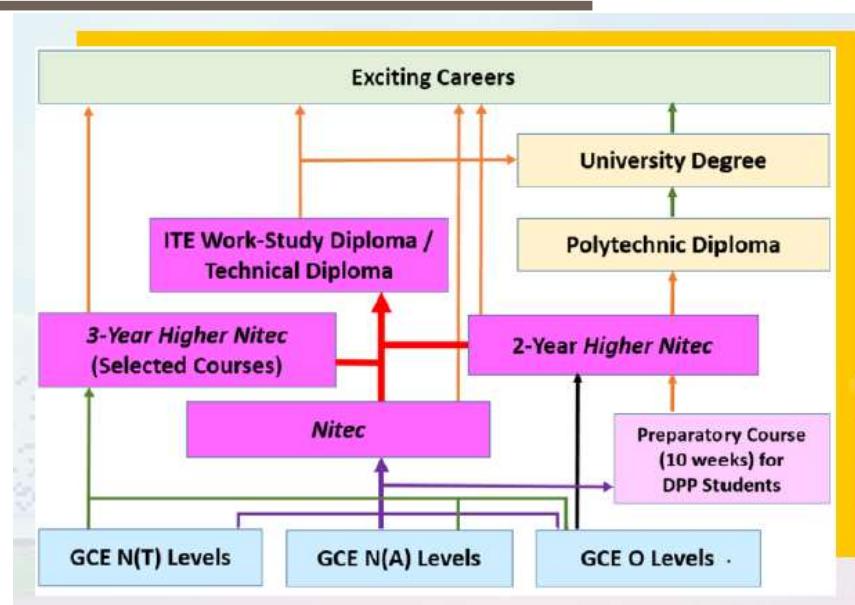
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Post-N-Level Pathways



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Progression Pathways (up till 2026)

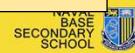


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Entry Requirements

	PFP	NFP	DPP	Sec 5
Aggregate	<= 12 points	<= 15 points	<= 19 points	<= 19 points
Subject Grade Requirement	Group 1: EL & MA & Sc/D&T/NFS <=3 + any two <=4 Group 2: EL <=2 MA & Art or SS+His/Geo or POA <=3 + any two <=4	EL <=3 else require an interview + Aptitude Test and Interview	Sci/Engr/ICT: EL & MA <=4 + any two <=5 Bus/Svcs/Hosp: EL <=3 MA <=4 + any two <=5	5 subject passes



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Mariam Bte Muhammad Noor



Having a strong desire to serve people, Mariam has always been keen to explore the different sectors in the service industry.

Since she was young, Mariam's parents have inspired her to pursue all things in life with passion. Having a strong desire to serve people, Mariam has always been keen to explore the different sectors in the service industry.

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Mariam's Education and Career Pathway



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When Choosing a Subject Combination (1)

- ✓ What subjects does my child enjoy doing?
- ✓ What are my child's strengths? What have people/myself praised him/her for?
- ✓ What are my child's aspirations? How will the subjects chosen be useful for jobs that he/she likes?
- ✓ Is this ability / skill in line with my child's interests and learning style?



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When Choosing a Subject Combination (2)

- ✓ Different entry requirements to the different post-sec institutions
- ✓ Positive learning experience for your child, learning what they are good at and what they enjoy
- ✓ Encouraging them to take up different activities and help them to reflect on their strengths and interests



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Allocation of Subject Combination

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Subject Allocation Process

Students would be allocated based on:

- Merit (overall performance across subjects)
- Vacancy (for a subject combination)
- Choice



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Subject Allocation Process

- In the event there is a high demand for a certain course, vacancies will be filled [according to the order of merit](#).
- Being eligible for a particular course [does not guarantee](#) that you will be offered the course of your choice.
- Allocation will be based on the [Overall Results](#) and not just on the End-of-Year Examination results.



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Weighting of Assessments

Subject	Term 1 WA1	Term 2 WA2	Term 3 WA3	Term 4 EYE
D&T, FCE	30%*	70%*	-	-
All others	15%	15%	15%	55%



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Subject Combination

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Number of Subjects

Students will take:

- Total number of subjects: **6**
- **5** Compulsory subjects + **1** Elective



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Key Considerations in Choosing Subjects

- Impact on curriculum **time & joy of learning**
 - ✓ Fewer subjects may increase curriculum time for EL, Math and Science
 - ✓ Helps students gain confidence and build stronger foundation in core subjects
- Impact on student **performance & well-being**
 - ✓ Allows for more enjoyment in the learning process
 - ✓ Improves their L1R5/EMB3 and increases their chances of getting desired courses (e.g. qualify for PFP)



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Key Considerations in Choosing Subjects

- Impact on **sustainability**
 - ✓ All courses are for 2 years
 - ✓ Once subjects are allocated and finalised, changing mid-way is not possible.
 - ✓ Help your child select a combination they would be able to cope with and have the potential to do well in



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Combination A (non-coursework)

Subject 1	English Language
Subject 2	Mother Tongue Language
Subject 3	Mathematics
Subject 4	Social Studies with Geography or History
Subject 5	Combined Science (Chemistry with Biology or Physics)
Subject 6	Principles of Accounts



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Combination B (coursework)

Subject 1	English Language
Subject 2	Mother Tongue Language
Subject 3	Mathematics
Subject 4	Social Studies with Geography or History
Subject 5	Combined Science (Chemistry with Biology or Physics)
Subject 6	Art or Design & Technology or Nutrition & Food Science



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Out-of-Stream (Express) Subject

- Students may be offered Out-of-Stream (OOS) if they have passed either
 - 2023 Subject-Based Banding (SBB) subject or
 - at least 75% (overall) in a subject
- Offer is also dependent on whether the subject is offered to 2024 Secondary 3 Express students
- Before deciding on this, please take note of the following slides.



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Mapping of O-Level Subjects to N(A)-Level for ITE Admissions

O-Level	N(A)-Level
A1-B3	1
B4-C6	2
D7	3
E8	4
F9	5



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Changes to Grades Reflected on Result Slip and Examination Certificate

- All grades, including O-Level Grade 9, N(A)-Level Grade 6 will be reflected in a student's result slip and examination certificate.
- N(A)-Level Grade 6 cannot be used for aggregate computation for admission to Polytechnic Foundation Programme (PFP), Direct-Entry-Scheme to Polytechnic Programme (DPP) and Sec 5.
- N(A)-Level Grade 6 can be used for ITE admissions (except for courses with specific Minimum Entry Requirements).



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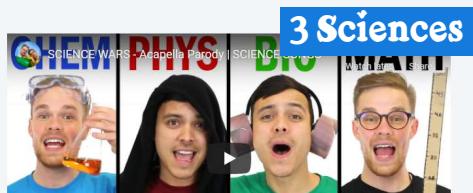
Frequently Asked Questions

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Q: How does my child decide whether to take Physics or Biology?

- The Science teachers have informed your child which topics in the Sec 2 syllabus are Physics or Biology related.
- There's also an SLS module to help them decide on their interest.

1. Recap of the Science Trio



2. Science Teachers Talk

Talk Show

Watch this "Talk Show" by our very own Science Teachers to find out more about the

- Differences between different disciplines of Science, namely, Chemistry, Biology and Physics.
- Differences between Pure Science, Combined Science (Express) and NA Science (Express)



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Q: Does the school offer Additional Math for NA?

- For students who are good in Mathematics, we offer Express Mathematics instead of NA Additional Math.
- This would be more beneficial for their PFP/DPP applications.
- Additional Mathematics is **not** compulsory for JC/Polytechnic as requirement is only **one** Math subject.



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Education and Career Counselling

Need someone to talk to about your Education and Career journey?



Tuesdays, Wednesdays and odd Fridays
8.30am to 5.30pm
ECG Room or via Zoom

Jerlyn_poh_yoke_hui@schools.gov.sg
Appt Link - <https://go.gov.sg/nbssmsjerlyn>



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



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Schedule for 2023 Secondary 2 Students

When?	What?
Term 2	Subject Combination Talk by ECG Counsellor
Term 3 W5 to W9	School Leaders Talk
Term 3 (3 Aug)	HOD Briefing to students on electives
T3 W7	SLS Resources for Subject Combination Selection
15 Sep	Briefing for Parents (Issue of Digital Booklets)
25 Oct to 30 Oct	Subject Combination Exercise
8 Nov (Wed)	Release of Sub Choice Results + Start of Appeal
12 Nov (Sun)	End of Appeal
20 Nov (Mon)	Release of Sub Choice Appeal Results



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