



Gan Eng Seng School

Secondary 2 Meet-Parent-Session Normal (Technical) Course

31 March 2023, Friday



Outline of Presentation

- Holistic Development of Gessians
- Post-Secondary Options
- Sec 3 Subject Combinations
- Sharing on Mobile Robotics, Food Science and Elements of Business Skills
- Subject Allocation Process and considerations
- Q & A

Life of a Gessian...



Not just about academic excellence!



begin WITH
THE end IN
mind



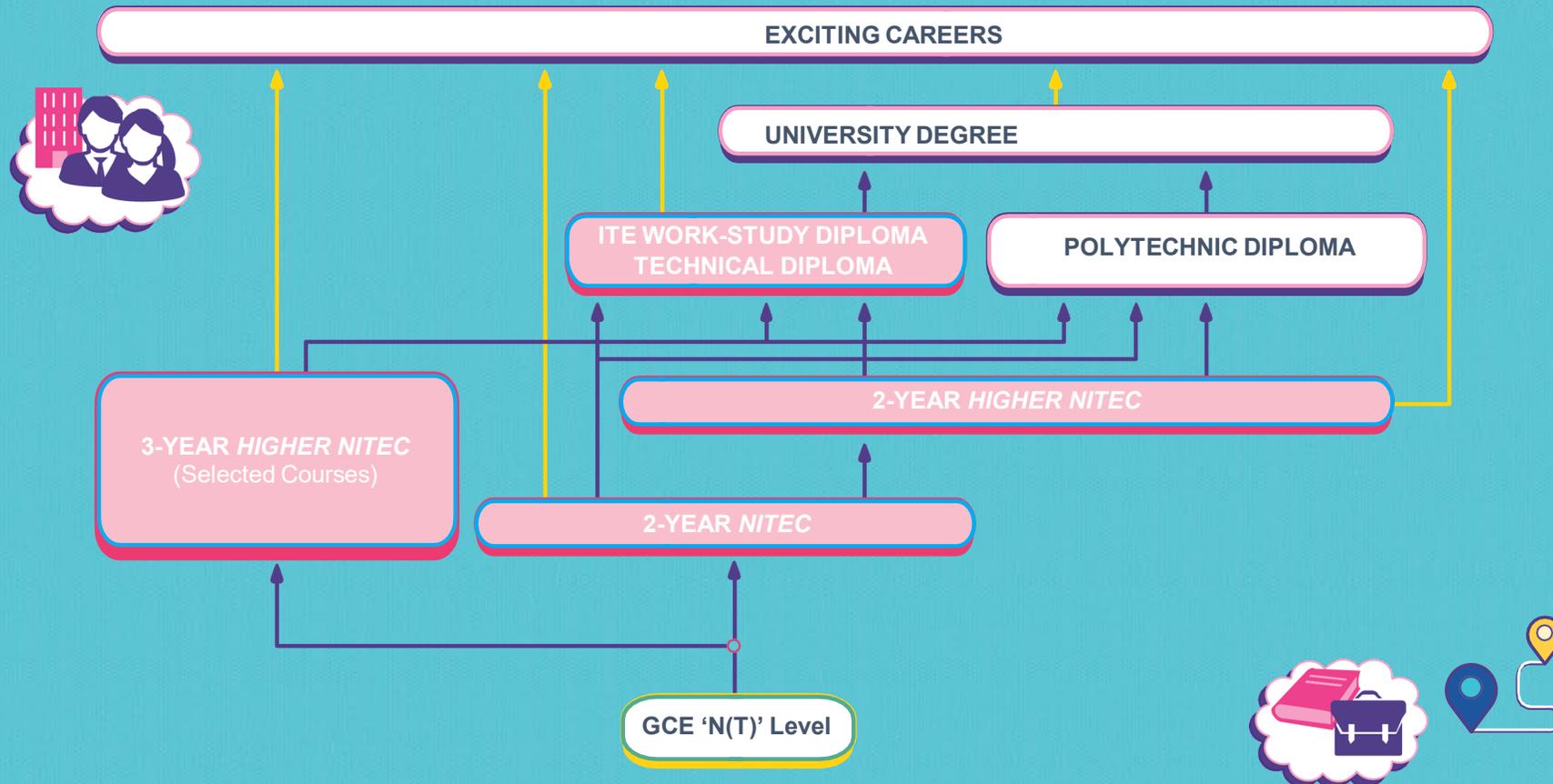


1) Begin with the End in Mind

3) How do we get there?

2) Where are we now?

PROGRESSION PATHWAYS



ITE will offer 11 3-year *Higher Nitec* courses in Academic Year (AY) 2023:

- *Higher Nitec* in Accounting
- *Higher Nitec* in Sport Management
- *Higher Nitec* in AI Applications
- *Higher Nitec* in Business Information Systems
- *Higher Nitec* in Cyber & Network Security
- *Higher Nitec* in Data Engineering
- *Higher Nitec* in Electronics Engineering
- *Higher Nitec* in Immersive Applications & Game
- *Higher Nitec* in IT Systems & Networks
- *Higher Nitec* in IT Applications Development
- *Higher Nitec* in Security System Integration

The new 3-year *Higher Nitec* courses are open to graduating students with GCE 'N' Level and GCE 'O' Level qualifications.

FULL-TIME 3-YEAR HIGHER NITEC COURSES AGGREGATE POINTS

Based on best 4 GCE N' subjects and CCA bonus points

<i>New 3-Year Higher Nitec courses</i>	Aggregate points
Accounting	3
Sport Management	6-13
Electronics Engineering	8-16
Security System Integration	11
IT Systems & Networks	6-14
Cyber & Network Security	5-7
Business Information Systems	4
IT Applications Development	6-9

Institute of Technical Education (ITE)

Bonus Points

The table below provides details for the computation of bonus points available. Please note that these bonus points are not taken into account when considering whether applicants are eligible for courses. The bonus points will only come into effect when the applicant has been deemed eligible and is being considered for posting based on merit.

Types of Bonus Points	Number of Bonus Points Awarded
For applicants with the following CCA grades: a) Excellent or Grades of A1 – A2 b) Good or Grades of B3 – C6	2 points 1 point

MINIMUM ENTRY REQUIREMENTS

Some possible examples include:

3 GCE 'N' Passes (Grade A-D or 1-5)

in **English Language**, **Mathematics** and one other subject

in **Mathematics** or **Science** and two other subjects

in **English Language** and two other subjects

in **Mathematics** and two other subjects

Completed N-level

HOW TO COMPUTE YOUR AGGREGATE POINTS FOR NITEC COURSES WITH NORMAL TECHNICAL SUBJECTS

Normal (Technical) Grade	ITE Aggregate Points
A	1
B	2
C	3
D	4
U	5

Types of Bonus Points	Number of Bonus Points Awarded
CCA Grades:	
a) Excellent or Grades A1 – A2	2 points
b) Good or Grades B3 – C6	1 point

EARLY ADMISSIONS EXERCISE (EAE)

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

01

Apply for a Course based on your Aptitude and Interests, not on your Prelim results



02

Attend an Interview/Aptitude tests, if selected

03

Receive a Conditional Offer for Admission to ITE before your GCE 'N' level exams

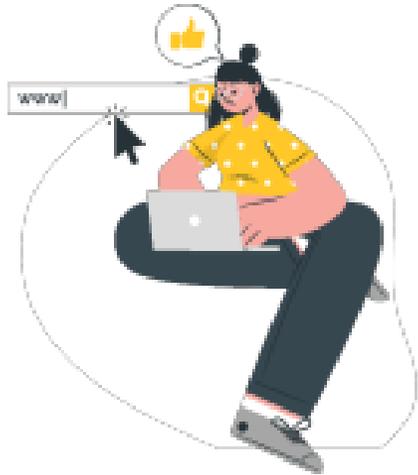
04

Meet the Minimum Entry Requirements of the Course and you can join ITE



Scan to view the ITE EAE video

WHAT TO PREPARE



Submit Your Application Online

1. 100-word write up

- Describe your passion, talents, skills or achievements which are relevant to the *Nitec* course. (You can apply up to 3 *Nitec* courses)

2. Provide relevant supporting documents

- Certificates of Achievements
- Testimonials (work)
- Portfolios (if any)
- CCA records
- Others



And if you have been shortlisted... Excel in Your Interview/Aptitude Test

Be prepared

- Bring along your supporting documents
- Demonstrate your understanding of the course and industry
- Share your passion and interests related to the course



EAE APPLICATION PROCESS



Application
(May to Jun 2022)

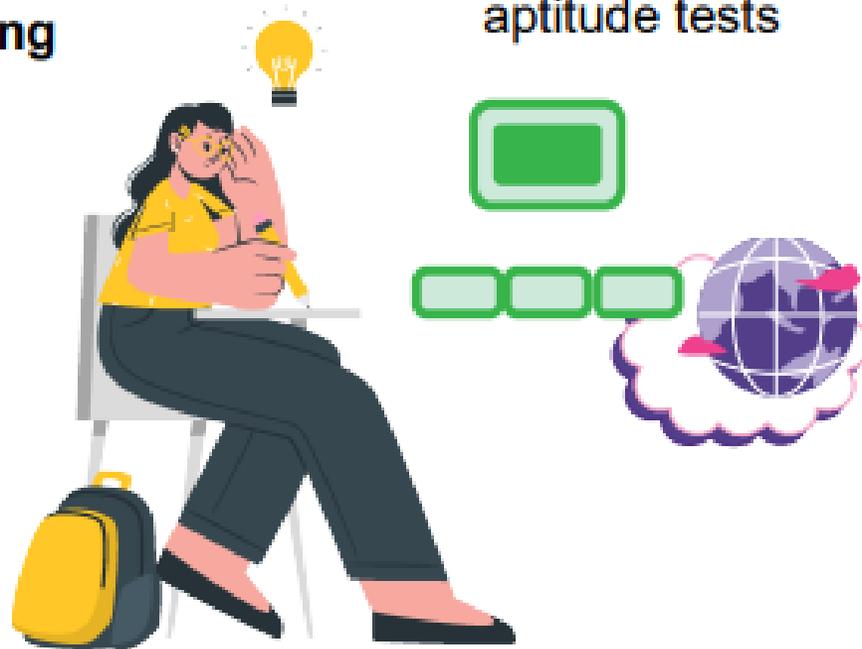
Selection & Interview
(Jun to Jul 2022)

Offer & Acceptance
(Aug 2022)

Submit your EAE application online
(Write up + Supporting documents)

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

- Conditional offer will 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



FULL-TIME 2-YEAR NITEC COURSES AGGREGATE POINTS

Based on best 4 GCE N' subjects and CCA bonus points

Nitec courses	Aggregate points
Business Administration (CC)	6
Business Administration (CE)	7
Business Administration (CW)	
Business Services (CC)	
Fitness Training (CC)	
Hospitality Operations (CW)	
Infocomm Technology (CC)	8
Business Services (CW)	
Aerospace Avionics (CC)	
Web Applications (CC)	

FULL-TIME 2-YEAR NITEC COURSES AGGREGATE POINTS

Based on best 4 GCE N' subjects and CCA bonus points

Nitec courses	Aggregate points
Retail Services (CC)	9
Business Services (CE)	
Visual Communication (CC)	
Electrical Technology (Lighting & Sound) (CW)	
Applied Food Science (CE)	
Logistics Services (CE)	10
Retail Services (CW)	11
Digital Animation (CC)	
Electronics, Computer Networking & Communications (CC)	
Video Production (CC)	12
Aerospace Technology (CC)	
Electrical Technology (Lighting & Sound) (CE)	
Chemical Process Technology (CE)	

FULL-TIME 2-YEAR NITEC COURSES AGGREGATE POINTS

Based on best 4 GCE N' subjects and bonus points

Nitec courses	Aggregate points
Automotive Technology (CW)	13
Mechanical Technology (CC)	
Security Technology (CW)	
Mechatronics & Robotics (CC)	
Travel & Tourism Services (CW)	
Nursing (CE)	
Architectural Technology (CC)	
Interior & Exhibition Design (CC)	
Electronics & Internet of Things (CC)	
Fashion Apparel Production & Design (CC)	

FULL-TIME 2-YEAR NITEC COURSES AGGREGATE POINTS

Based on best 4 GCE N' subjects and bonus points

<i>Nitec</i> courses	Aggregate points
Retail Services (CE)	14
Fitness Training (CE)	
Opticianry (CE)	
Rapid Transit Technology (CW)	
Mechanical Technology (CW)	15
Fitness Training (CW)	
Floristry (CC)	
Pastry & Baking (CW)	
Electrical Technology (Power & Control) (CW)	
Aerospace Machining Technology (CC)	
Community Care & Social Services (CE)	
Electronics, Computer Networking & Communications (CE)	
Infocomm Technology (CW)	
Microelectronics (CC)	

FULL-TIME 2-YEAR NITEC COURSES AGGREGATE POINTS

Based on best 4 GCE N' subjects and bonus points

Nitec courses	Aggregate points
Built Environment (Mechanical & Electrical Services) (CE)	16
Product Design (CC)	
Electrical Technology (Power & Control) (CE)	
Digital & Precision Engineering (CC)	
Electronics, Computer Networking & Communications (CW)	
Infocomm Technology (CE)	
Mechatronics & Robotics (CW)	
Mechatronics & Robotics (CC)	
Built Environment (Vertical Transportation) (CE)	17
Urban Greenery & Landscape (CE)	
Western Culinary Arts (CW)	
Web Applications (CE)	
Web Applications (CW)	

FULL-TIME 2-YEAR NITEC COURSES AGGREGATE POINTS

Based on best 4 GCE N' subjects and bonus points

<i>Nitec</i> courses	Aggregate points
Hair Fashion & Design (CE)	18
Beauty & Wellness (CE)	19
Asian Culinary Arts (CW)	20
Built Environment (Mechanical & Electrical Services (CE)	
Mechanical Technology (CE)	

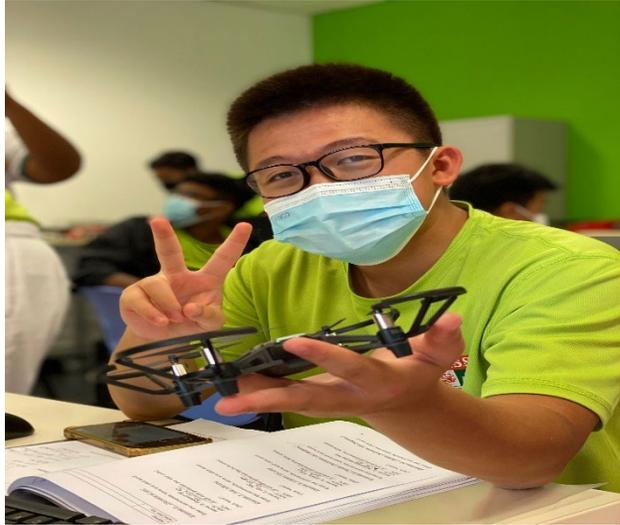


Applied Learning Modules in ITE (ApLM@ITE)



ApLM@ITE are short courses developed to broaden the learning experience of MOE students. The 22.5-hour programme (over 3 days) will:

- introduce students to some of ITE's full-time Nitec and Higher Nitec courses
- expose them to possible educational progression and career pathways, thereby enabling them to make more informed choices upon graduating from secondary schools
- provide students the opportunity to discover how the knowledge and skills learnt can be applied to related industries.



Students who attained a pass grade in the in-course assessment for the ApLM@ITE will also be awarded a Certificate of Achievement, which can be included as part of their portfolio during their application or interview for the Nitec or Higher Nitec course they hope to get.





GAN ENG SENG SCHOOL
2024 SEC 3
NORMAL TECHNICAL
SUBJECT COMBINATIONS

Why Subject Combination?

Sec 3 Subject Combination aims to give every Gessian the most appropriate subject combination so that he/she can develop to the best of his/her ability, interests and potential.



GAN ENG SENG SCHOOL 2024 SEC 3 NORMAL TECHNICAL SUBJECT COMBINATIONS

Subject 1

English Language

Subject 2

Basic Mother Tongue

Subject 3

Mathematics

Subject 4

Computer Applications (CPA)

Subject 5

Science

Subject 6

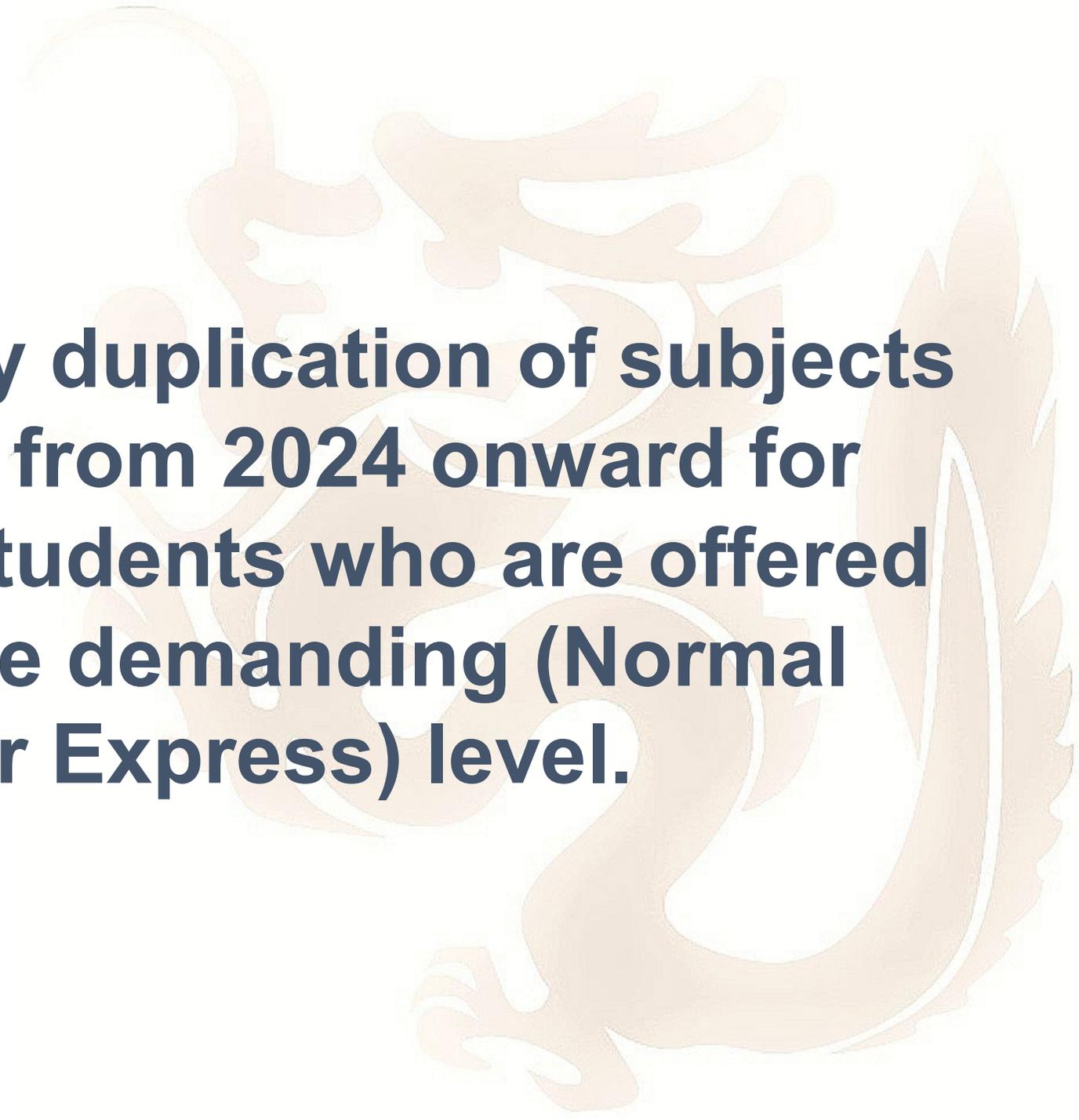
Elements of Business Skills (EBS)

Mobile Robotics (MR)

Design and Technology (D&T)

Food Studies (FS)

**(Choose 1 – each subject has a maximum capacity of 20 students)
(only 2 subjects of these four will eventually be offered after the subject
option exercise is concluded)**



There will not be any duplication of subjects for national exam from 2024 onward for Normal Technical students who are offered subjects at a more demanding (Normal Academic or Express) level.



THE MOBILE ROBOT THAT
YOU WILL BUILD IN YEAR 4
CAN BE CONFIGURED AS A
LINE-FOLLOWER

Mobile robotics

more applied subject
for NT STUDENTS

What is mobile robotics?

- mobile robot is a robot that has the capability to move independently around its environment. It is not fixed to one physical location.
- Basic functional blocks of a mobile robot





3 hrs per week

Mobile Robotics (MR)

Aims to provide students with the experience of developing their own mobile robots and equip them with basic knowledge and skills in electrical, electronics, mechanical design and intelligent control.

Electricity and Electronics



- Basic Electricity
- Basic and Digital Electronics

Robotics



- Mobile Robotics – Introduction
- Design
- Simple Mechanism
- Material and Practical Processes
- Integration

Related Nitec Courses

- Mechatronics
- Rapid Transit Technology
- Mechanical Technology
- Electronics

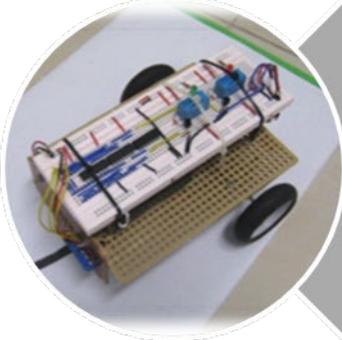
Mobile Robotics

Assessment



Overview

- Mobile Robotics - Introduction
- Design



Electricity and Electronics

- Basic Electricity
- Basic and Digital Electronics
- Input-Output Device



Robotics

- Simple Mechanism
- Material and Practical Processes
- Integration

Practical Assessment at End of Secondary 3 (30%)

Theory Examination (MCQ) at End of Secondary 4 (30%)

Practical Assessment at End of Secondary 4 (40%)

Courses where MR can be used in lieu of NT Sci/Maths for admission

<i>Nitec Course</i>	School
Aerospace Machining Technology	School of Engineering
Electronics (Broadband Technology & Services)	School of Electronics & Info-comm Technology
Electronics (Computer & Networking)	
Electronics (Display Technology)	
Electronics (Instrumentation)	
Electronics (Microelectronics)	
Electronics (Mobile Devices)	

Elements of Business Skills (EBS)





The EBS syllabus aims to provide students with the opportunity to **develop foundational business knowledge, employability skills and values** that are transferrable over different areas of work or the future.

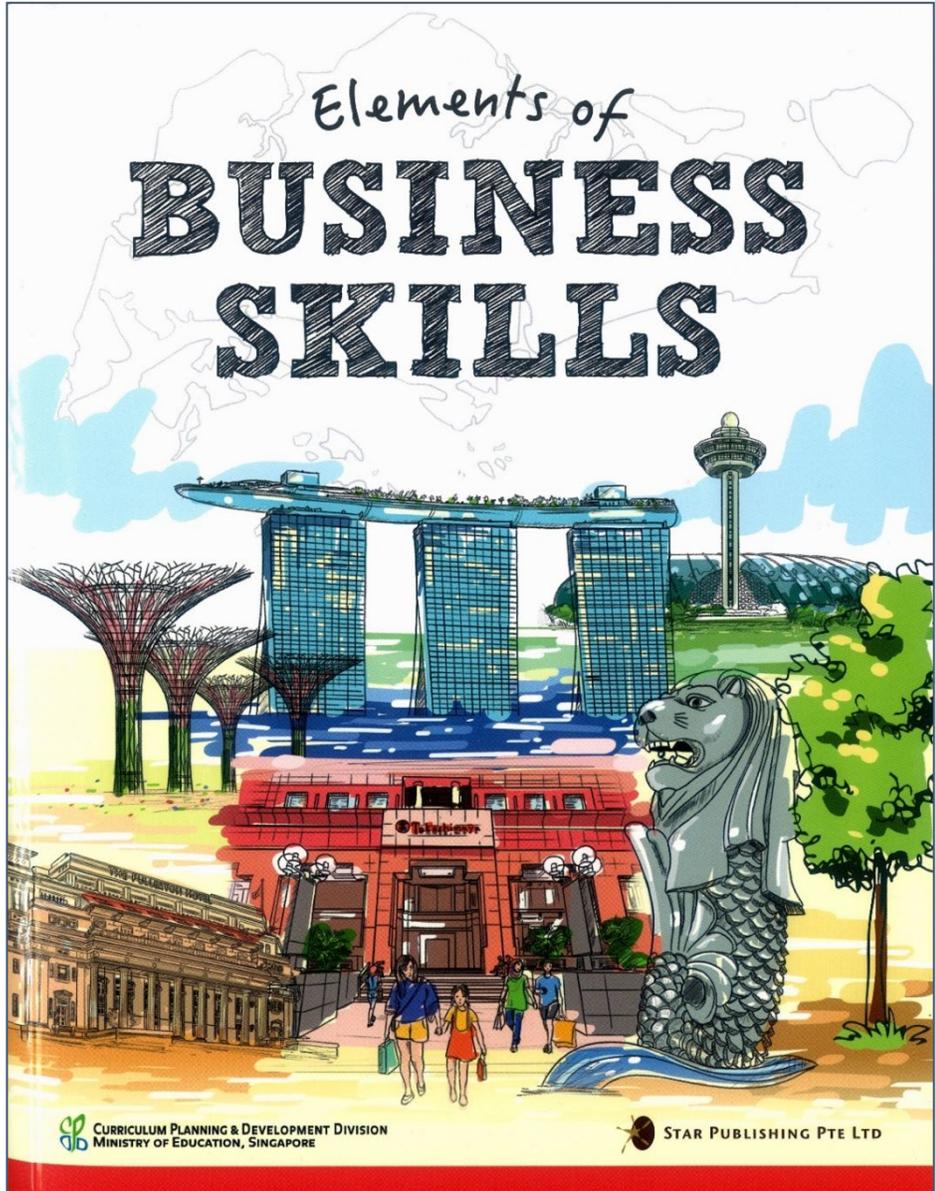
In EBS, students will be introduced to basic business concepts, focusing on marketing and customer relations in three service industries in Singapore

- **travel and tourism,**
- **hospitality and**
- **retail industries.**

Scheme of Assessment

(7066, First Year of Examination – 2021) – N(T) Level

Paper	Description	Marks	Overall Weighting	Duration
1 Written	<p>There will be 4 compulsory questions from Units 1 to 3 of the syllabus, comprising short response and structured questions:</p> <p>(i) with helping words;</p> <p>(ii) requiring short answers, not necessarily in complete sentences.</p>	100	60%	1 hour 30 mins
2 Coursework	<p>The coursework requires candidates to conduct a business investigation, making use of content and skills acquired from Units 1 to 4 of the syllabus.</p> <p>Candidates in a class are required to choose different businesses in the selected service industry.</p> <p>A total of 20 hours must be assigned during curriculum time to facilitate the completion of the coursework.</p>	80	40%	20 hours of curriculum time over 10 to 14 weeks



EBS Textbook

Topics covered:

1. Introduction to business
 2. Businesses in the Travel & Tourism, Hospitality and Retail industries
 3. Introduction to marketing
 4. The marketing mix
 5. Communication with the customer
 6. Customer service
 7. Business investigation
-

Chapter 4

The Marketing Mix



This chapter will help you to understand:

- what the marketing mix — products, pricing, place and promotion — is; and
- how businesses in the travel and tourism, hospitality and retail industries use the marketing mix to attract their target customers.

What Is Price?

Price refers to how much customers have to pay for a product. Pricing is an important decision because it affects how much **revenue** a business earns, which in turn determines how much **profit** the business can make.

Different businesses have different names for the price of their products:

- airlines charge airfares;
- hotels post room rates; and
- landlords collect rent.

How to Price?

When deciding on the right price, a business needs to consider the 3Cs of pricing. The price set for a product lies somewhere between the cost of a product and how much customers are willing to pay for it.

Costs

Cost refers to the amount of money a business pays to buy or produce its products. This includes material costs, rental costs, staff salaries and promotion expenses.

Products are usually priced above costs to make profits.

Customers

A business can price its products according to how much its target customers are willing to pay. In general, if the price is high, there will be fewer customers. For example, more customers will be willing to pay \$10 for a bottle of shampoo, but fewer customers will be willing to pay \$18 for a similar product.

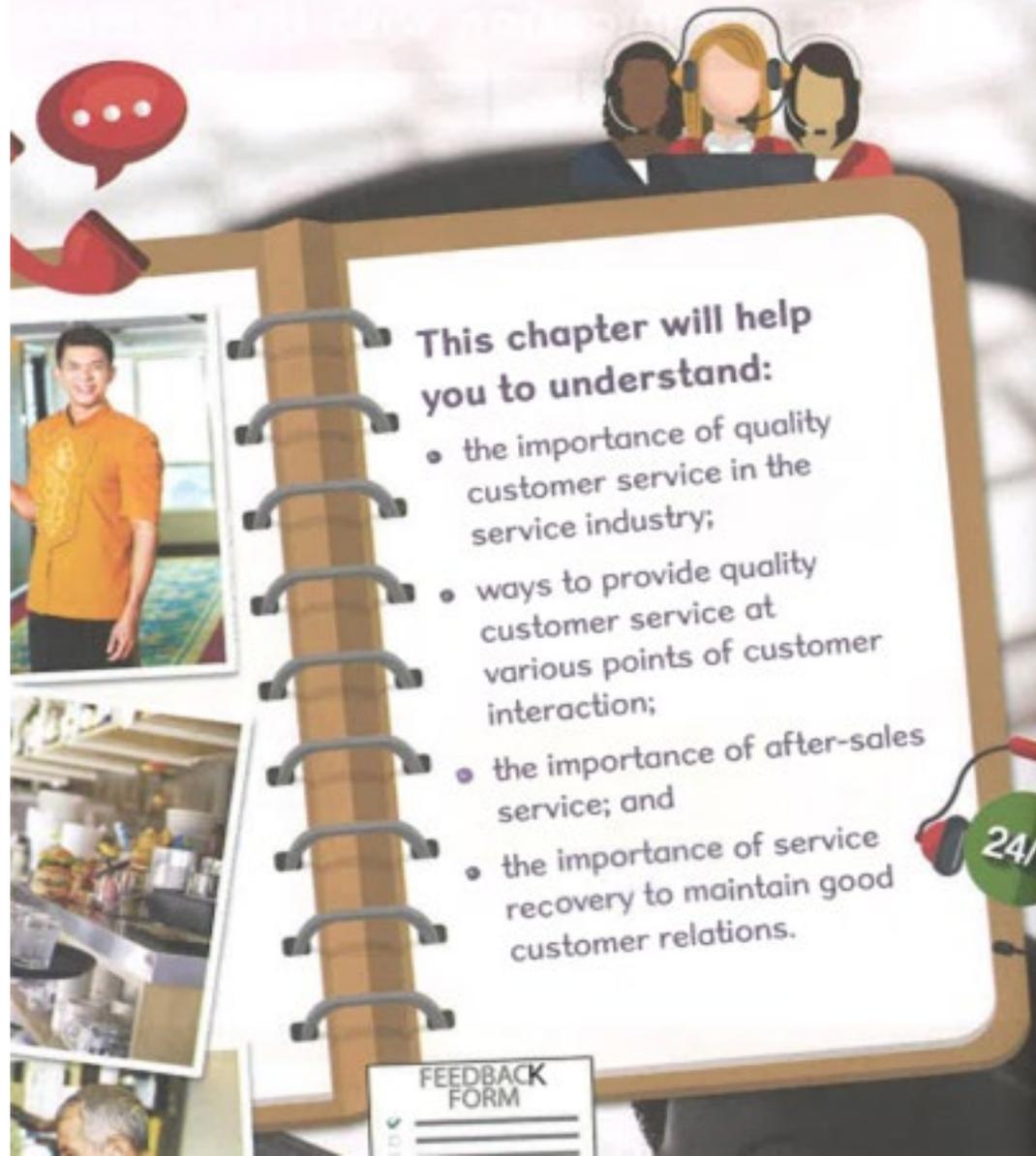
However, for certain target markets, customers are willing to pay more for products that they consider more valuable to them. For example, guests are willing to pay more for dinner at a fine-dining restaurant to have an exquisite dining experience.



▲ Fig 4.7 Fine-dining restaurants offer beautiful ambience and exquisite food.

Chapter 6

Customer Service



This chapter will help you to understand:

- the importance of quality customer service in the service industry;
- ways to provide quality customer service at various points of customer interaction;
- the importance of after-sales service; and
- the importance of service recovery to maintain good customer relations.

Product Knowledge in the Service Industries

Product knowledge refers to knowledge a service staff has of a product's features and benefits. In order to provide quality customer service, it is essential for the service staff to have good product knowledge. Service staff with good product knowledge will be able to meet the needs and wants of customers and increase customer satisfaction so that they will want to come back again.

Here are some examples of what product knowledge means in the service industries:

Travel and Tourism Industry



Product knowledge of a Singapore-based tour guide may include:

- ability to plan a customised itinerary;
- knowledge of Singapore's history and cultural heritage;
- latest information about the attractions, events and activities in Singapore; and
- ways to adapt commentaries to meet the profile of visitors.

Hospitality Industry



Product knowledge of a waiter may include:

- ability to recommend dishes from a menu;
- good knowledge of the items available on a menu;
- information on current promotions;
- knowledge of how a dish is prepared;
- types of food available at different meal times; and
- information on other services such as delivery and catering services.

Retail Industry



Product knowledge of a sales assistant may include:

- a product's features;
- a product's benefits;
- how to care for the product;
- what the product is made of;
- how and where the product was made or assembled; and
- after-sales service.

Possible career pathways

EBS will give students a good headstart if they are interested in pursuing a career in Singapore's retail, travel & tourism & hospitality industries.

Related ITE courses:

- Nitec in Retail Services
- Nitec in Travel & Tourism Services
- Nitec in Hospitality Operations



EBS is suitable for students who

- Have a keen interest in business theories and concepts,
- Willing to memorise these theories and concepts,
- Takes initiative to research (online & offline) and investigate businesses,
- Possesses good writing skills to analyse/evaluate existing businesses and write proposals to improve the businesses.

Food Studies

For Normal (Technical) Level



Content Overview

- Meal planning and Meal analysis
 - Balanced diet
 - Basic nutrition
- Food Management
 - Sensory evaluation
 - Food safety and hygiene
 - Demonstration of cooking methods
- Food commodities
 - Study of main food commodities
 - Demonstration of suitable preparation and cooking practices



N(T) Level Assessment

Subject code: 6079

Paper	Duration No. of pages	Total	Format
1: Written paper	1.5 hours	40%	Section A: Short-answer type questions (20m) Section B: Data response type questions (28m) Section C: Structured-type questions (32m)
2: Coursework (Report)	35 hours 16 pages	60%	Background study (6m) Exploration (6m) Decision making (6m) Planning (12m) Execution (30m) Evaluation (6m)

Related Nitec courses

Nitec Course	College
Applied Food Science	East – Simei
Asian Culinary Arts	West – Choa Chu Kang
Western Culinary Arts	West – Choa Chu Kang
Hospitality Operations	West – Choa Chu Kang
Pastry and Baking	West – Choa Chu Kang

Which Subject Combination?

In selecting the subject combination for your child/ward, the following should be taken into consideration:

- Understanding future post-secondary options
- Realistic expectations of your child's/ward's ability to cope with the demands of the course
- Consider child's/ward's needs, interest, preferences and well-being

Promotional Criteria for Sec 2 NT

- Promotion to Sec 3NT

Pass (Grade D or better overall grade) in two subjects, one of which must be English Language or Mathematics

- Lateral Transfer to Sec 2 NA

Minimum of 70% in the overall percentage of all subjects combined

Basis Of Sec 3 Subject Allocation Exercise

Subject allocation is based on:

- **Merit** (student's overall performance for 2024)

WA1+WA2+WA3+EYE

Term 1 WA 1 (10%)	Term 2 WA 2 (10%)	Term 3 WA 3 (10%)	Term 4 EYE (70%)
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- Stipulated Criteria for each course
- Student's option
- Resource and Staffing

Timeline for Sec 3 (2024) Subject Allocation

31 March	Meet-the-Parent Session <u>Objective:</u> Communicate to students and their parents on subject combinations for 2024.
24 October	Release of Report Book after End of Year Exam and Option Exercise (Form SG) <u>Objective:</u> Allow students to select their desired course based on their overall academic performance and school's available resources.
26 October	Subject Allocation Exercise – submission of choices
07 November	Release of results for Sec 3 2024 Subject Allocation Exercise
By 10 November	Submission of and Processing Appeal Forms

A Gessian Story...

Amrita Kaur
D/O Ishwar Singh



"Initially, I had chosen GESS simply because my older sibling was in the school. However, as I journeyed through the 4 years, I am glad that I made this decision! All the teachers I had met in GESS were really supportive and encouraging.

GESS has truly made a significant impact on my life, from preparing me academically for the next phase of my education journey to character building, allowing me to develop a persevering mindset and attitude."

Class of 4A 2013 (NT)

CCA: Drama

Education Pathway:

- ITE College West (NITEC Accounting)
- ITE College West (Higher NITEC Accounting)
- Singapore Polytechnic (Diploma in Accountancy)
- National University of Singapore (Bachelor of Business Administration-Accounting)

Notable Achievements in Post-Sec institution:

- Lee Kuan Yew All-Round Excellence 2014
- Model Student Award 2020 (Diploma in Accountancy, Singapore Polytechnic)

THE STRAITS TIMES SINGAPORE

SINGAPORE > Courts & Crime Education Housing Transport Health Manpower Environment

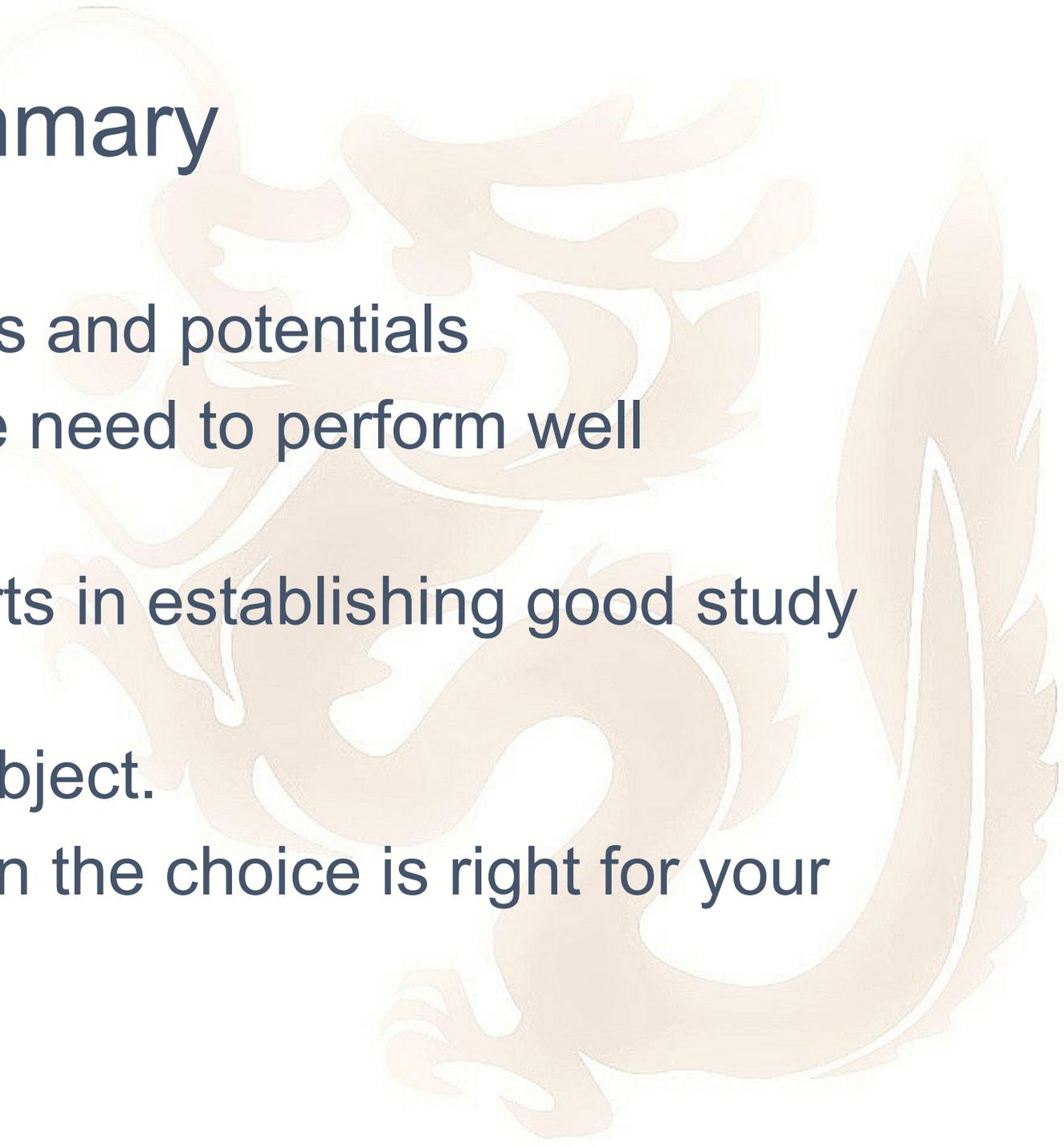
FEATURE
Rising above adversity to become a maths whizz and top student

The sight of her parents working hard and the encouragement of her form teacher pushed Ms Amrita Kaur (Ishwar Singh) to work hard and excel in her studies, and she was rewarded accordingly. [Read more](#)

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grammarly
It's an excellent idea.
It's
Free Grammar Checker
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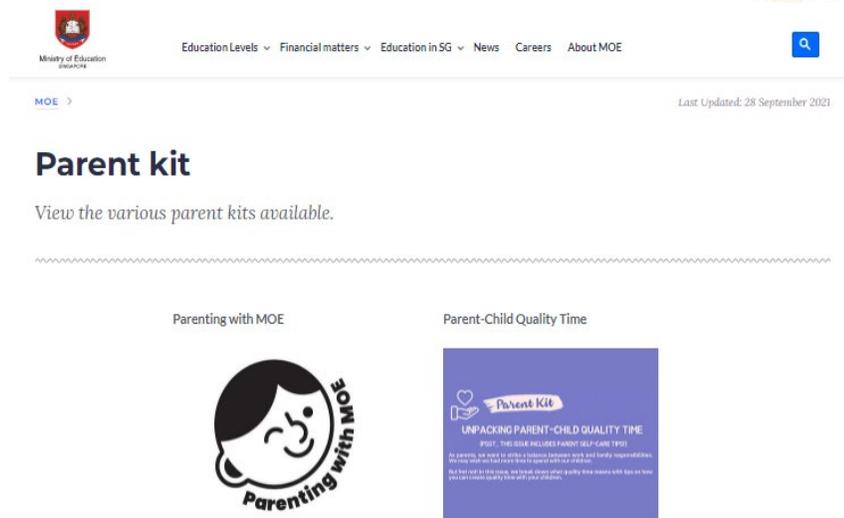
In Summary

1. Know your child's strengths and potentials
 2. Continue to emphasise the need to perform well holistically
 3. Complement school's efforts in establishing good study habits.
 4. Every subject is a good subject.
 5. There will be success when the choice is right for your child.
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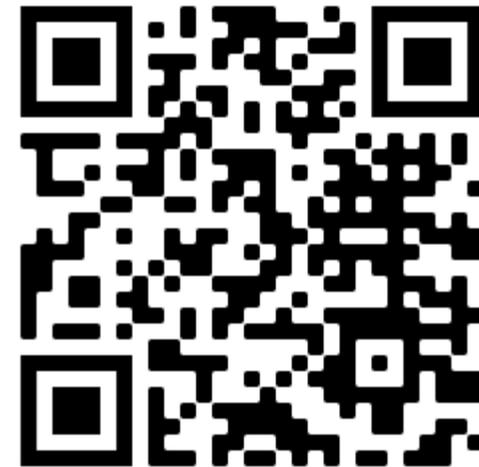
Parents' Resources

- MOE has launched a website that provides tips and guidance on supporting your child/ward in their schooling years.

<https://www.moe.gov.sg/parentkit>



The screenshot shows the MOE website's 'Parent kit' page. At the top, there is a navigation bar with the MOE logo, 'Ministry of Education Singapore', and menu items: 'Education Levels', 'Financial matters', 'Education in SG', 'News', 'Careers', and 'About MOE'. A search icon is on the right. Below the navigation bar, the page title 'Parent kit' is displayed, followed by the subtitle 'View the various parent kits available.' Below this, there are two main sections: 'Parenting with MOE' featuring a circular logo with a child's face and the text 'Parenting with MOE', and 'Parent-Child Quality Time' featuring a purple box with the text 'Parent Kit' and 'UNPACKING PARENT-CHILD QUALITY TIME'.





ONWARD!

Thank You

