



# Supporting Your Child's ECG Journey

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Education & Career Guidance



# Objectives



01

**Changing World of Work**

02

**Evolving Education Landscape**

03

**Supporting your Child's ECG Journey (Subject Combination Selection)**



# Changing of World of Work - What is the 4<sup>th</sup> Industrial Revolution?



How this impact our child in school?

Source : <https://www.youtube.com/watch?v=Ko2esJeGsrI>

# Top 10 Job Skills of Tomorrow



## Top 10 skills of 2025



### Type of skill

- Problem-solving
- Self-management
- Working with people
- Technology use and development

Source: Future of Jobs Report 2020, World Economic Forum.

## Time needed to start building new skills online in jobs of tomorrow



Source: Coursera data produced for the Future of Jobs Report, World Economic Forum. Presents the days of learning needed for the average worker to gain the level of mastery through Coursera learning.

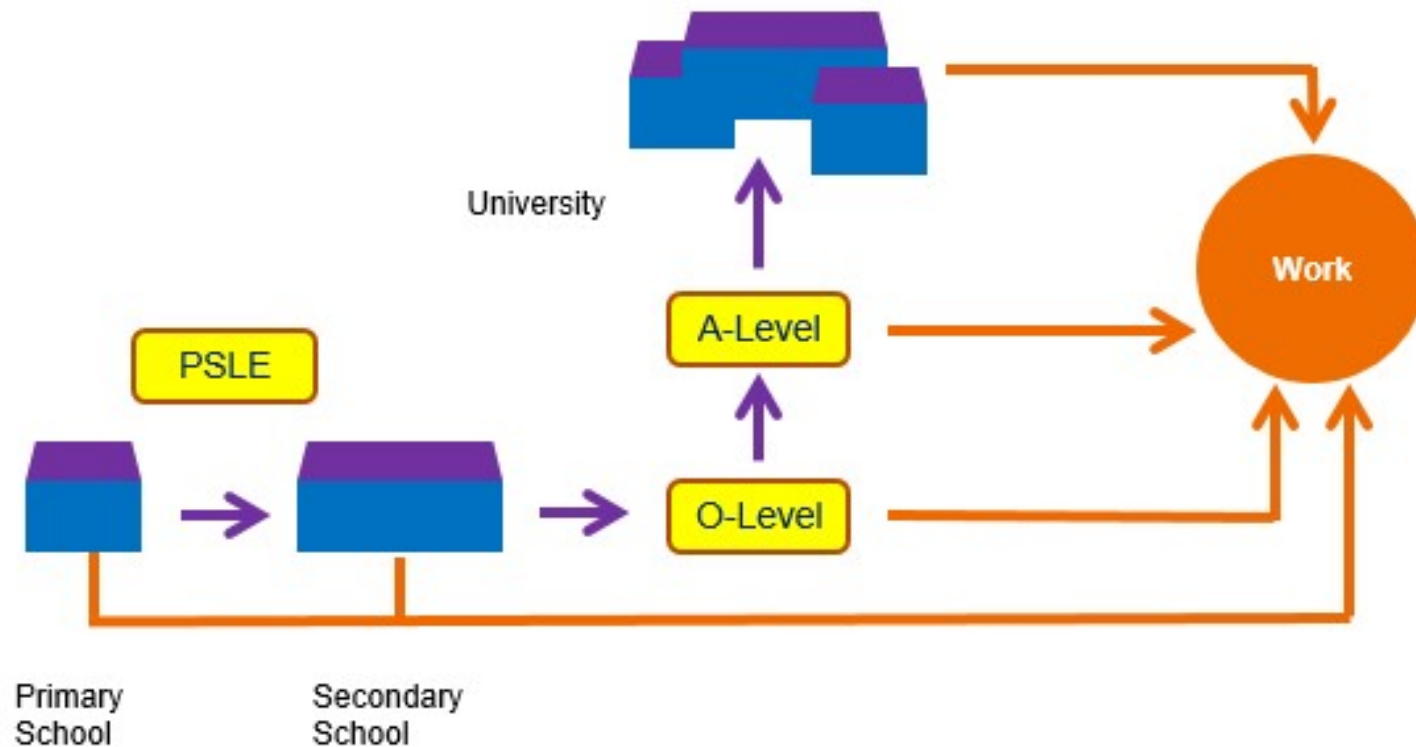


# Changing Education Landscape

Credit : Image from Canva

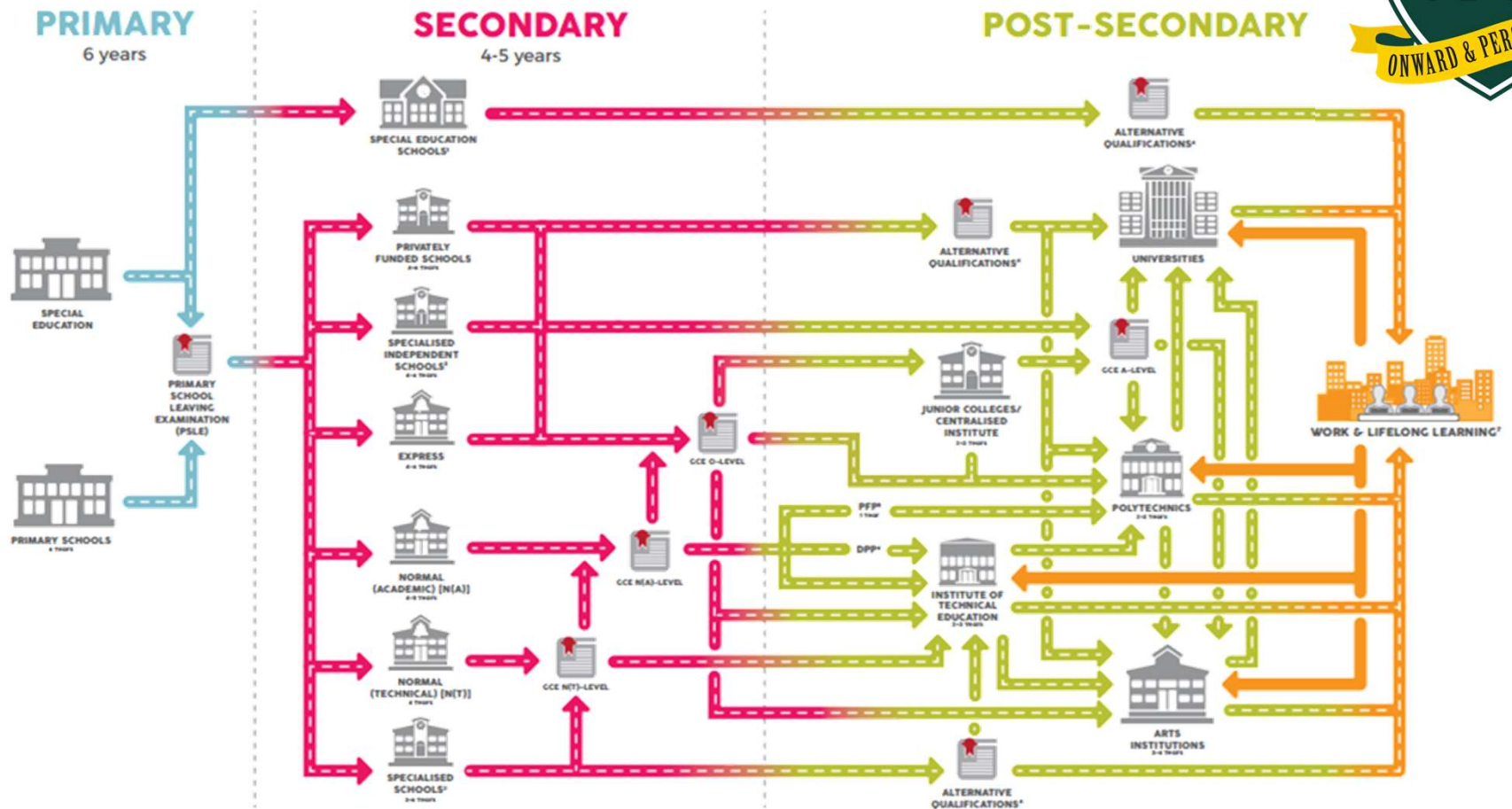
# EDUCATION LANDSCAPE HAS CHANGED

Education Pathway Then **Was** Simple



# EDUCATION LANDSCAPE HAS CHANGED

## Education Pathways Now **Are** Multiple



# Some Changes in the Education Landscape



## Revised PSLE Scoring System

New Achievement Levels scoring system



\*IHL : Institute of Higher Learning  
^CEP : Common Entry Programme

## Full Subject-Based Banding

Implementation of Full Subject-Based Banding in all Secondary Schools by 2024

## Post-Secondary Landscape

Expanding CEP<sup>^</sup> offerings by Polytechnics

New ITE curriculum from 2022; shortened route to Higher Nitec

Offering of ITE Work-Study Diplomas

Shorter Polytechnic Diplomas for A-Level Students

## IHL Landscape

Launch of NUS College of Humanities and Sciences in 2020

Establishing New University of the Arts

Expanding Aptitude-Based Admissions at Autonomous Universities





# Supporting Our Child's ECG Journey



# The 3 ECG Questions to Guide Our Child



**WHO?**

Who am I?



**HOW?**

How do I get there?



**WHERE?**

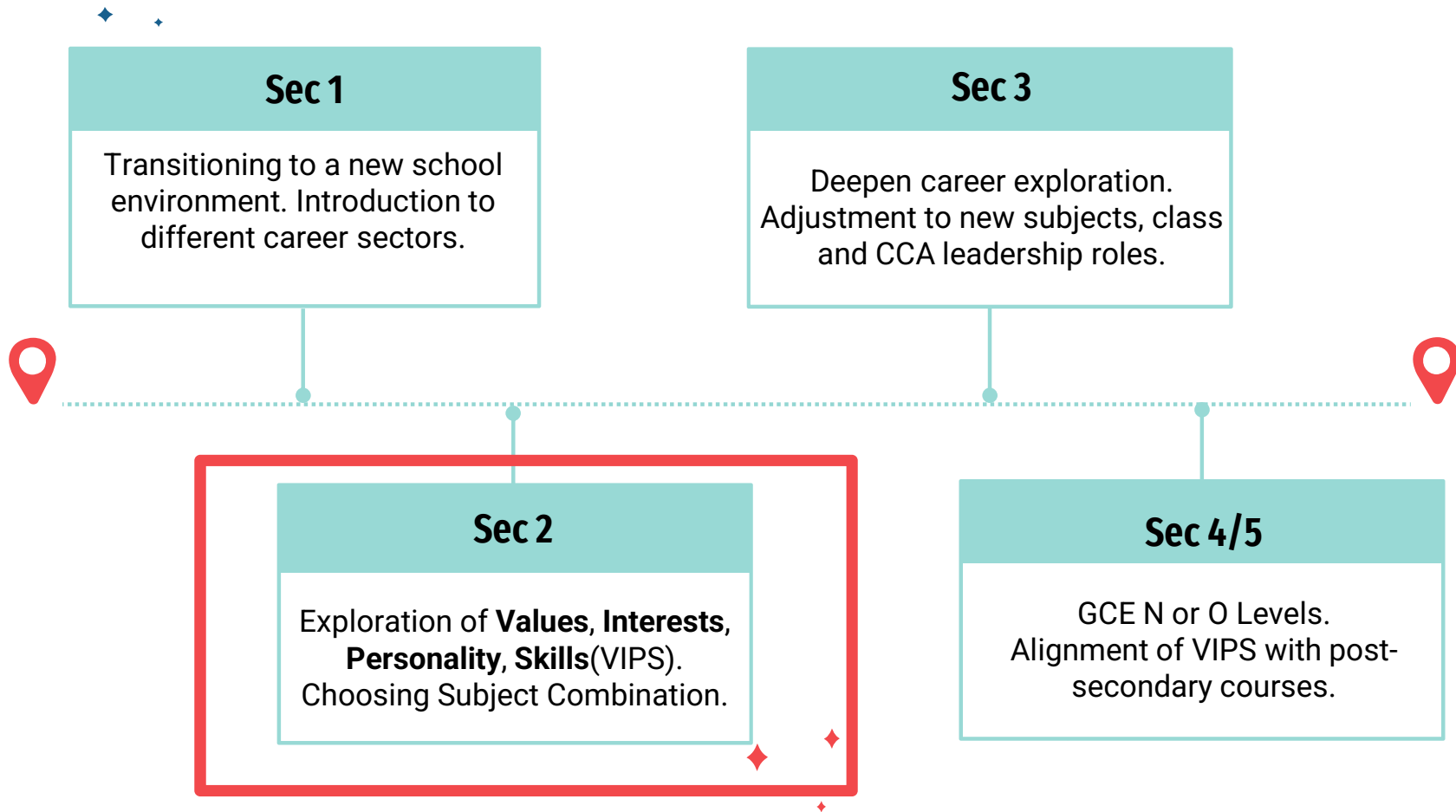
Where do I want to go?



# Our Child's ECG Journey



Discovering purpose, adopting a lifelong learning dispositions and mindsets.



# Questions Our Child May Have ...



## Subject Combination

Which Subject Combination should I take?



## I Don't Know

I don't know what I want to be yet, but I know I love Literature. How now?



## Education Pathways

Which Education Pathway should I choose?



## Career Aspiration

Do I know my career aspiration yet?





# Who am I?

Discovering Purpose



01

**Unique Individual**

02

**Values, Interests, Personality and Strength (VIPS)**

03

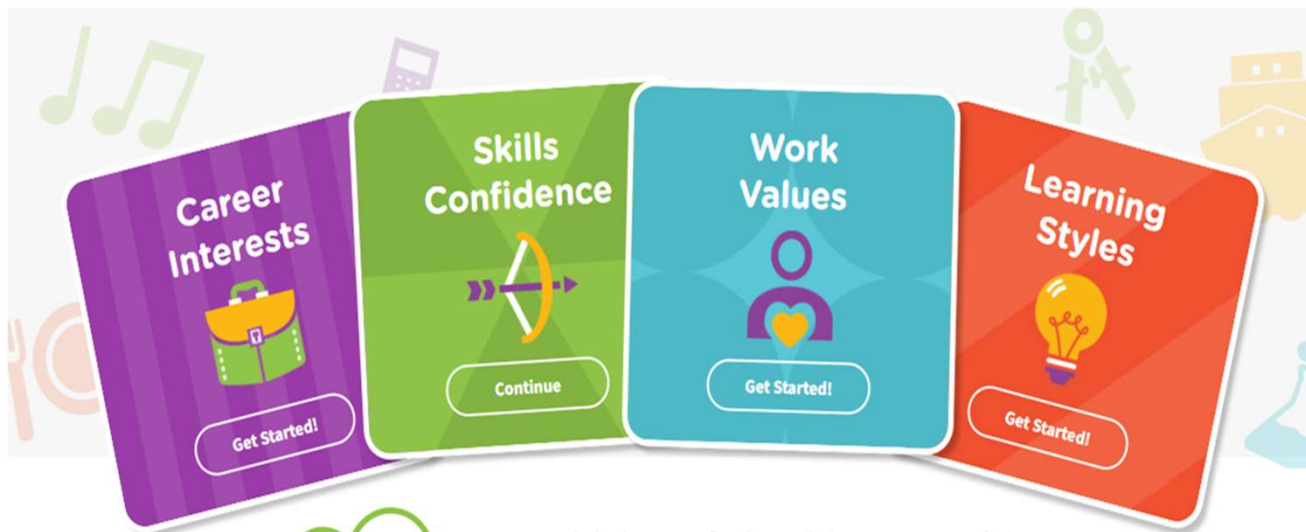
**Self Awareness**

# My SkillsFuture (Student Portal)

## Know Yourself

### [go.gov.sg/mysfsec](https://go.gov.sg/mysfsec)

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.



# Who am I?

Discovering Purpose



## Support them as they discover their VIPS

What is important to you? What motivates you?

What are the issues you feel strongly about?

**What do you enjoy doing?**

How would you describe yourself?  
How do others describe you?

What are your strengths? What have people praised you for?

## Encourage Reflection on Experiences

What do you do in...?

**What do you like / dislike about...?**

How do you feel when...?

What did you learn about...?

What did you discover about yourself through...?

## Connect Experiences

**What have you learned in <Subject> that will be useful for <Jobs you like>?**

Is this an ability / skill / interest you want to develop further?

Would you like to do something like that in your future job? Why?

# Where Do I Want to Go?



Designer?  
Physiotherapist?  
Programmer?  
Urban Farmer?

**Which Occupation I am  
interested to find out more?**



Creating new AI?  
Improve Mental Health?  
Improve Sustainability?  
Distribute Wealth?

**Sense of Purpose / Challenge**



Pure Science/C.  
Science  
DNT, Art, NFS  
POA, A Math  
EBS\*, Music\*

**Which subjects should I choose?**



# Where do I want to go – Supporting our child in exploring their VIPS/and choosing Subject Combination\*



## N(T) Level Student

### Subject 1 to 5 (compulsory)

- English
- Mother Tongue
- Mathematics
- Science
- Computer Applications

### Subject 6 (to choose 1)

- Art
- Design & Technology
- Elements of Business Studies
- Music
- Nutrition and Food Science

# Supporting your child in choosing subject combination: Post-Sec Admission Pathways

	<b>ITE EAE</b>	<b>JIE 'N' (2-year Nitec/ 3-year Higher Nitec)^</b>
<b>Who can apply?</b>	<b>N-Level students</b>	
<b>Aggregate Type/ Remarks</b>  ^by merit	<b>Minimum Entry Requirement (MER)</b> i.e. pass English, Math or Science with 1 or 2 subjects	<p>ITE Aggregate of 4 subjects including the required subject for the course i.e. <b>3-year higher nitec in Accounting is at 3 points at ITE College Central</b></p> <p><b>Scenario:</b> Students has gotten <b>A for all 4 subjects</b> and <b>1 CCA bonus point. Achieved 3 Net ITE Aggregate point</b></p> <p>MER: English and 2 others passes</p>

The “2022 JIE ‘N’ ITE Aggregate Point” in the table below shows the ITE aggregate score of the lowest ranked students who were admitted to these courses through the 2022 JIE ‘N’, based on **best 4 GCE ‘N’ subjects including pre-requisites and bonus points**. These aggregate scores are meant as a reference for applicants applying to these courses and **do not** constitute the admission points for subsequent admission exercises. For details on the computation of ITE aggregate points for JIE ‘N’, please refer to page 17.

3-Year Higher Nitec Courses by School	Course Code	College Code	2022 JIE ‘N’ ITE Aggregate Point (based on 4 subjects)	Minimum Entry Requirements
<b>BUSINESS &amp; SERVICES</b>				
<b>Accounting</b> ⑦	HF3AC	CC-AM	3	3 GCE ‘N’ Passes (Grade A-D or Grade 1-5) in English Language and two other subjects <b>Or</b> 2 GCE ‘O’ Grades (Grade 1-8) in any two subjects
		CE-SM	5	
		CW-CK	4	
<b>Sport Management</b> ①⑦ <i>Applicants should possess a strong interest for sports, good communication skills and a service mindset. Shortlisted applicants have to attend an interview on-campus scheduled on Tue 27 Dec 2022 or Wed 28 Dec 2022 and pass a prescribed medical</i>	HF3SM	CC-AM	6	
		CE-SM	13	
		CW-CK	9	

# Where Do I Want to Go?



## Start exploring areas of Interests

Which would be your top 3 aspirations? Why did you choose these?

Are there others you have in mind?

Resources:  
My Skillsfuture World of Work

On My Way by National Youth Council

## Prompt them to think Beyond

What do you want from this career?

What are the things important to you in a job?

What would be some other jobs related to this role / industry?

How can you find more information?

## Let your Child be the Expert

That's a job I don't know much about, could you tell me more what it does?

How's the job prospect like?  
Could we find out and discuss more next time?

What does this course offer?  
What will you be learning / experiencing?


# My SkillsFuture (Student Portal) World of Work



**World of Work**

Explore different job roles in different industries. A good understanding of the work requirements and environment can help you make better decisions.


[Discover Now](#)



**Singapore Industry Landscape**

Learn about the background, outlook and working environment of different industries, and the skills needed to work in each of these industries.

[Find Out More](#)



**Job Information**

Get insights into different job roles and the contribution to each industry in Singapore.

[Find Out More](#)

MySkillsFuture About Know Yourself World of Work Education Guide Help Feedback Logout

Overview My Profile My ePortfolio My Goals Prepare for Work Notifications Settings

# / World of Work > Singapore Industry Landscape [View My Reflections](#)

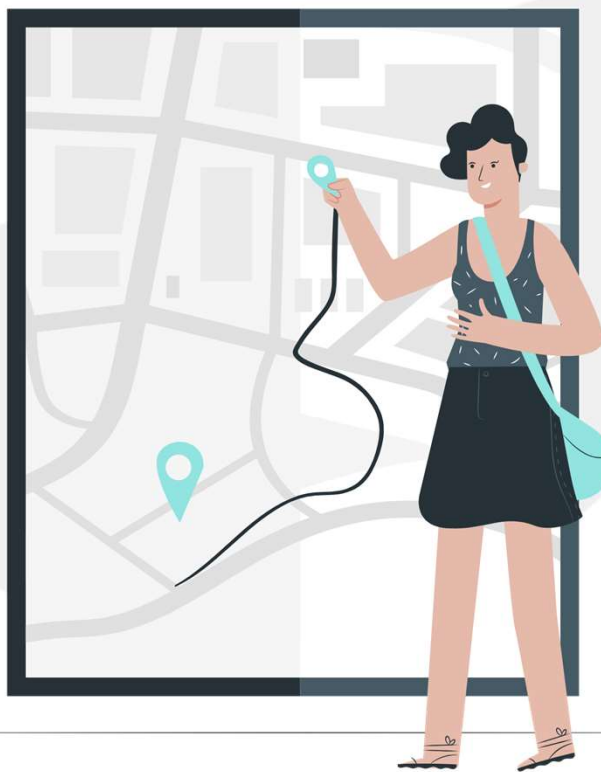
Select Industry [View All Articles](#) [View All Videos](#)

Accountancy	Creative Industries (Media)	Human Resource	Public Transport
Advertising	Design	Information and Communications Technology	Real Estate
Aerospace	Early Childhood Care and Education	Insurance	Retail
Agriculture	Electronics	Landscape	Sea Transport
Air Transport	Energy and Chemicals	Legal	Security
Architecture	Environmental Services	Logistics	Social Services
Arts, Entertainment and Recreation	Finance	Marine and Offshore Engineering	Spa Services
Biopharmaceuticals Manufacturing	Food Services	Precision Engineering	Wholesale Trade
Built Environment	Healthcare	Public Service (Education)	
Consultancy	Hotel and Accommodation Services		

Click on any of the icons to find out more about the industry.



# How Do I Get There?



**Information to Gather**

**Points to Consider**

**Actions to Take**

# How do I Get There?



## Get your child to be responsible for their own plan

Which courses / qualifications do you think will lead you to this job?

Are there any prerequisites subjects / minimum entry requirements to apply to these courses?

What steps can you take to work towards your goal?

How can you better prepare yourself for this course / job?

What are the possible ways/admissions to get to your course?

## Discuss with your child like they are adults

What 'game plan'/plan do you have in mind to work towards this course/career?

Are there ways you can experience what the job is like?

Are there practical constraints you may face?  
Eg. colour appreciation deficiency?



# Common Topics

**ITE will not allow my child to join a university.**

**Answer:**

Entrance to university is by merits of the latest achieved qualification and not determined by the education journey.

Students who aspire to join a programme at university have pathways to reach their goals.

- ◆ **My child needs to complete Higher Nitec in order to join a polytechnic diploma.**
- ◆ **It means my child has to do 2-year Nitec and 2-year Higher Nitec before joining the**
- ◆ **Polytechnic**

**Answer:**

Students who have done well and met the GPA requirement for polytechnic Diploma admission can apply after their Nitec Programme.



## Javen Francis Koh Wei Yang

**Nitec in Business Administration**  
**ITE College Central**



## Lifting Lives

Javen grew up in a family that is active in philanthropy. Inspired by his family, he developed a strong interest in serving the community from young. This led him to volunteer at Lions Befrienders, a charity that provides care for seniors. He also joined ITE College Central's Rotaract Club, where he organised and participated in various community service projects.

As President of the Rotaract Club, he would broaden volunteering opportunities for his peers by encouraging them to participate in Lions Befrienders' community service projects. In school, Javen also actively helped his peers in their studies. He started an after-school revision programme with some classmates, where they would mentor those who need help in their schoolwork.

### Guiding Light

*"Although I did well in secondary school, I felt that I was lacking opportunities for personal development back then. At ITE, I really enjoyed what I was studying, and I was able to pursue my passion in community service. I also had exceptional lecturers at ITE, who really made the effort to connect with us and care for our well-being. One of them is Mr Zaki Ng. I remember an occasion when I was feeling burnt out from my multiple commitments, and he was there to provide support and advice for me. That meant a lot to me."*

### After ITE

Javen is pursuing a Diploma in Maritime Business at Singapore Polytechnic.

### Top Achievements

- Distinguishing himself as an exemplary all-rounder, Javen was a recipient of the Lee Kuan Yew Model Student Award (2022).
- He was the champion of a speech competition organised by the Rotary Club.

## After ITE

Javen is pursuing a Diploma in Maritime Business at Singapore Polytechnic.



## Andy Pang Teng Seng

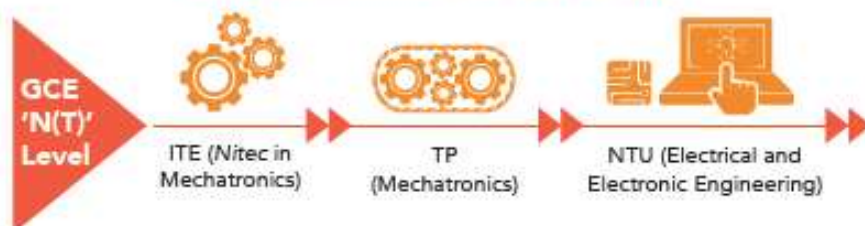
Grades were never a priority for Andy during his primary school days. Although he was channelled to the 'N(T)' stream, he slowly began to enjoy learning. This new-found joy propelled him to graduate as the top student for GCE 'N(T)' Level in his secondary school. He subsequently completed Nitec in Mechatronics with an impressive Grade Point Average (GPA) of 3.98. That set his path towards a Diploma in Mechatronics at Temasek Polytechnic (TP).



▶▶ As applied learning was his forte, Andy grew in confidence as he shared his knowledge by tutoring his peers and juniors who faced difficulties in school. Andy's performance improved steadily and his final year project won the merit award at the TP Engineering Roadshow.

Upon completion of his National Service (NS), Andy proceeded to pursue the same field through a degree in Nanyang Technological University (NTU) and eventually attained a Degree with Honours in Electrical and Electronic Engineering.

### Andy's Education and Career Pathway



*As applied learning was his forte, Andy grew in confidence as he shared his knowledge by tutoring his peers and juniors who faced difficulties in school.*



Have regular and genuine conversation with your child

Familiarize yourself with your child's personality and learning style

Provide opportunities for your child to grow

Show love and support which helps your child grow in confidence

# Supporting our Child's Aspirations



# Resources



<https://go.gov.sg/opss-ecg-microsite>

Orchid Park Secondary School - ECG... Home Upcoming Events Post-Secondary Pathways Trending Industries MySkillsFuture Streaming Matters ECG Counseling More

## EDUCATION AND CAREER GUIDANCE

Welcome to the OPSS ECG Microsite, a one-stop site where you - students, parents and teachers - can find information and updates related to ECG matters in OPSS.

Our 3 key ECG focus are:

1. Who am I?
2. Where am I going?
3. How do I get there?

Below is the overview of Singapore's education system:

# Let's Explore!

## Start your Education and Career Journey by:

### Discovering Purpose

The more you know about yourself, the better your decisions will be.

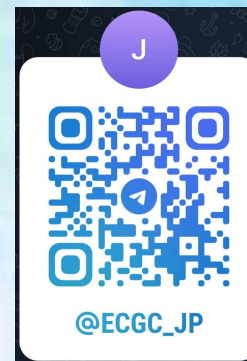
### Exploring Opportunities

There are many education and career opportunities open to you.

### Staying Relevant

You can continue to develop yourself by staying adaptable and resilient.

Have a chat with your ECG Counsellor today!



Education & Career Guidance