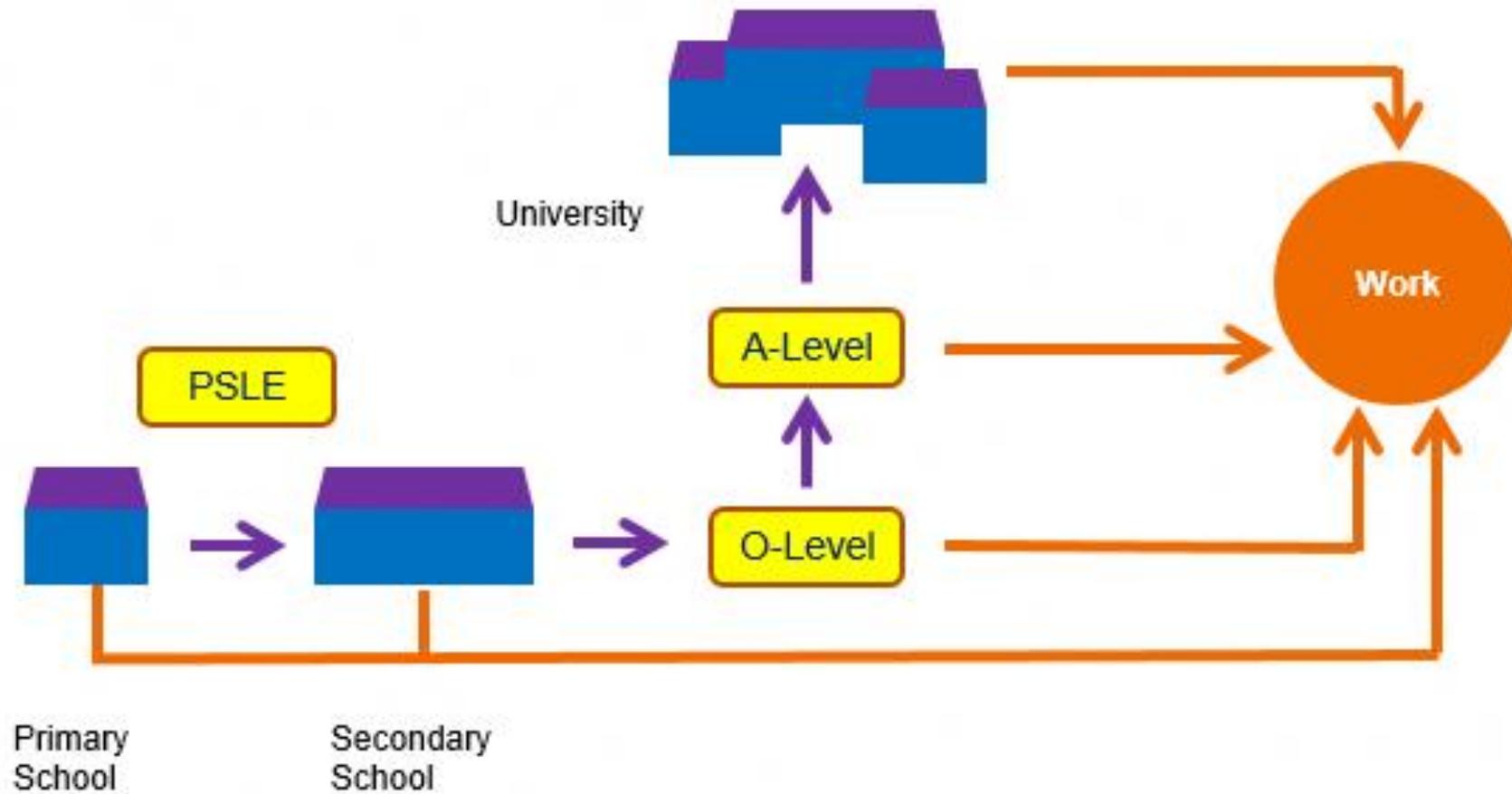


Supporting Your Child's ECG Journey

MS CHRISTINA HO

EDUCATION AND CAREER GUIDANCE COUNSELLOR

Education Then...



... and Now

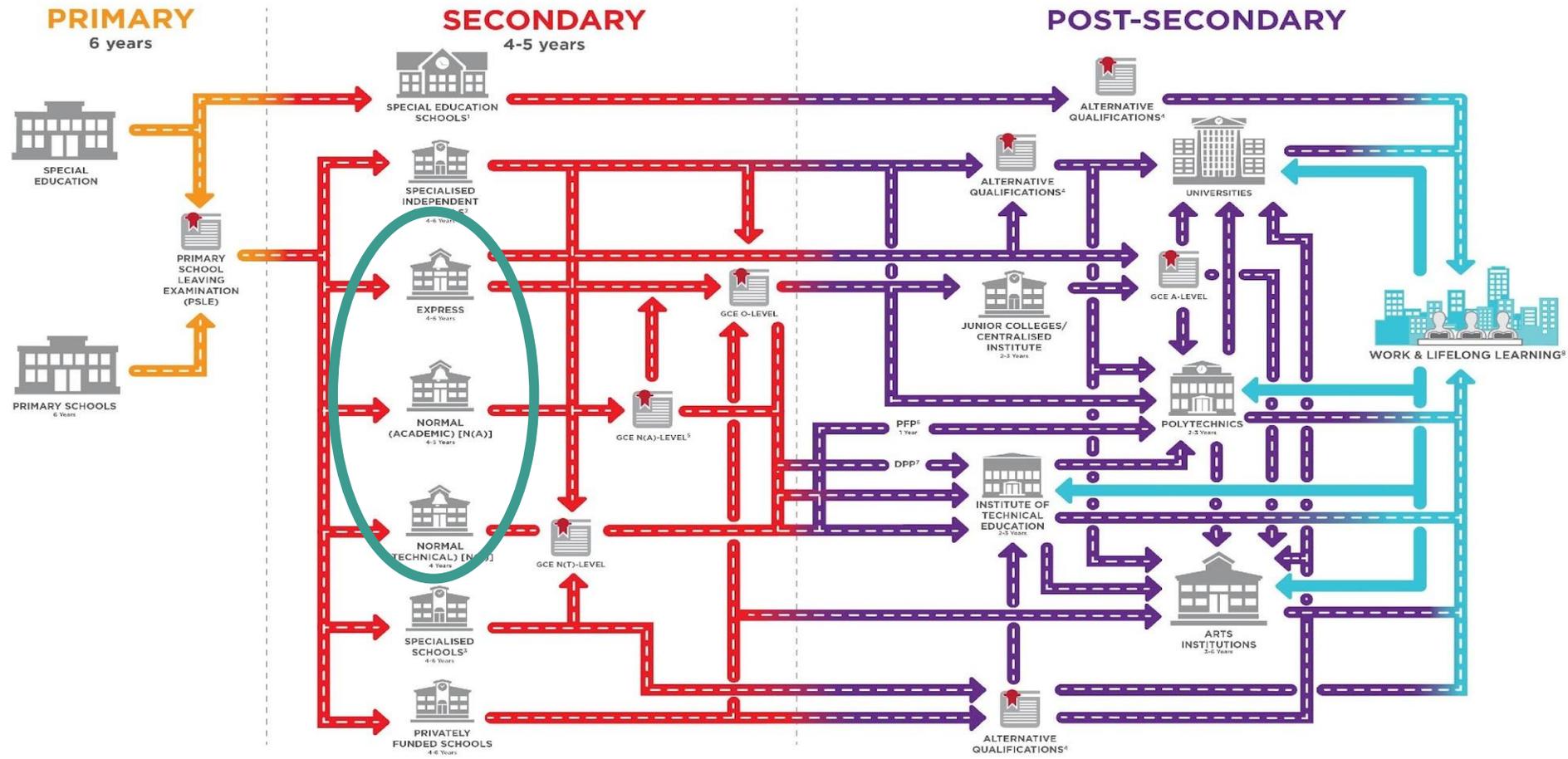


Diagram taken from the Post-Secondary Booklet/Secondary Booklet: <https://www.moe.gov.sg/-/media/files/secondary/secondary-school-booklet-2021.pdf>

3 pairs of shoes

3 individuals

1



2



3



Anna



Ben



Chloe

Which shoe should they get?

Importance of having the right information



Anna – follows all the fashion channels on TikTok. Always on the lookout for latest trends



Ben – Captain of the school basketball team.



Chloe – loves sports. Joined the school track team recently

ADIDAS ADIZERO
RUNNING SHOES



NIKE KD 14
BASKETBALL
SHOES



ONITSUKA TIGER
FASHION SNEAKERS



Value of ECG

Questions Your Child May Have

Education Pathways / Choice of Course

Which post-secondary
education pathway /
course should I choose?



I Don't Know

I don't know what I
should do to develop
my skills, and portfolio.
Where do I start?



Aptitude-Based Admissions

Should I apply for DSA-JC
or Poly EAE?
How do I do it?

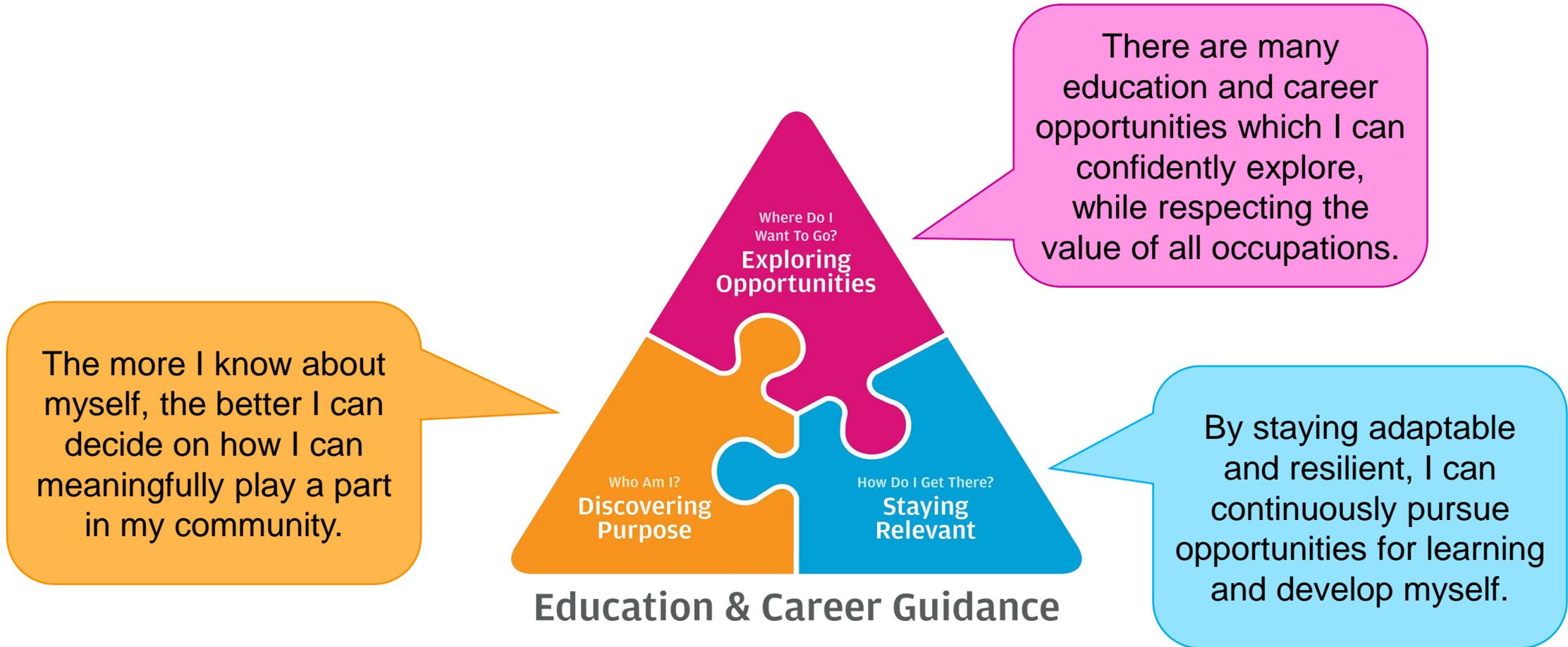


Career Aspiration

What if I am unsure about
my career aspiration?



How Can ECG Support Your Child?

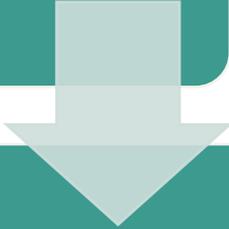


OUTLINE

Overview of Post-Sec
Pathways & Admission
Criteria



Changes to the
Education Landscape



How to Support and
Guide your Child

Main Post-secondary pathways

1

Junior Colleges (JCs) or Millennia Institute (MI)

Prepares students for the GCE 'A' level examination or International Baccalaureate (IB) Diploma Programme.

2

Polytechnics

Provides students with hands-on, practice-based learning experience within a dynamic and progressive learning environment.

3

Institutes of Technical Education (ITEs)

Equips students with technical knowledge and skills relevant to the industry.

4

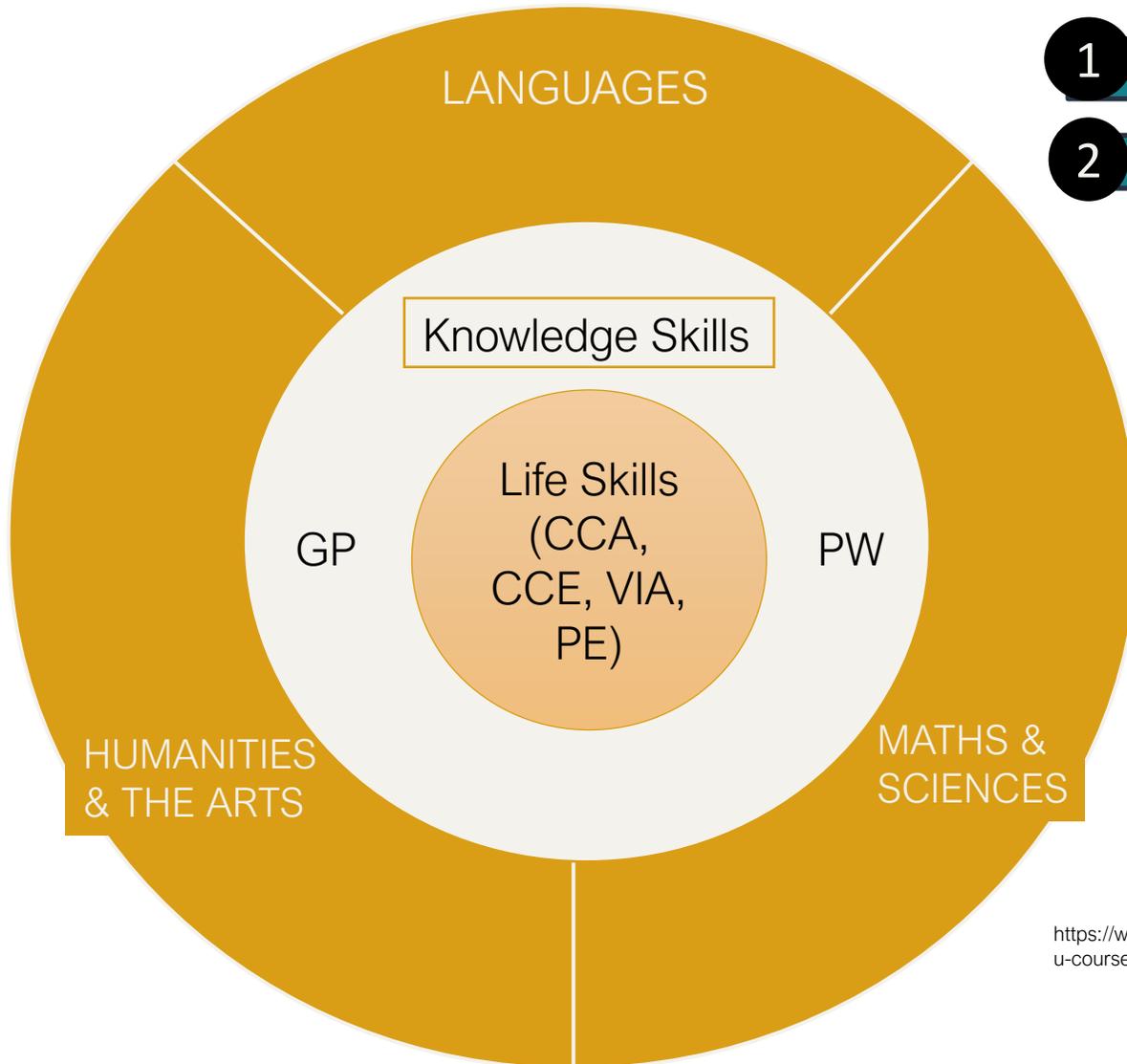
Art Institutions

Allows students with the aptitude and interest to pursue the creative arts at the tertiary level.

At A Glance

	JC / MI	Polytechnic	ITE	Arts Institution
Where?	18 JCs + MI	5 polytechnics (SP, NP, TP, NYP, RP)	3 ITE Colleges (CC, CE, CW)	NAFA LASALLE
Duration	JC: 2 years MI: 3 years	3 years	2 years (O-level) 3 years (N-level)	3 years
Qualification	A-level certificate/ IB diploma	Poly diploma	Higher National ITE Certificate (NITEC)	Arts diploma
Eligibility Criteria	L1R5 \leq 20 L1R4 \leq 20	Net ELR2B2 \leq 26* (*Nursing: 28)	Best 4 subjects (<i>and meet course Min Entry Requirements</i>)	Pass in EL Net aggregate of 4 'O' subjects \leq 25 (<i>excluding EL</i>)

JC Curriculum Framework



1 L1R5 (JC) or L1R4 (MI) better than 20

2 Specific Subject Entry Requirements

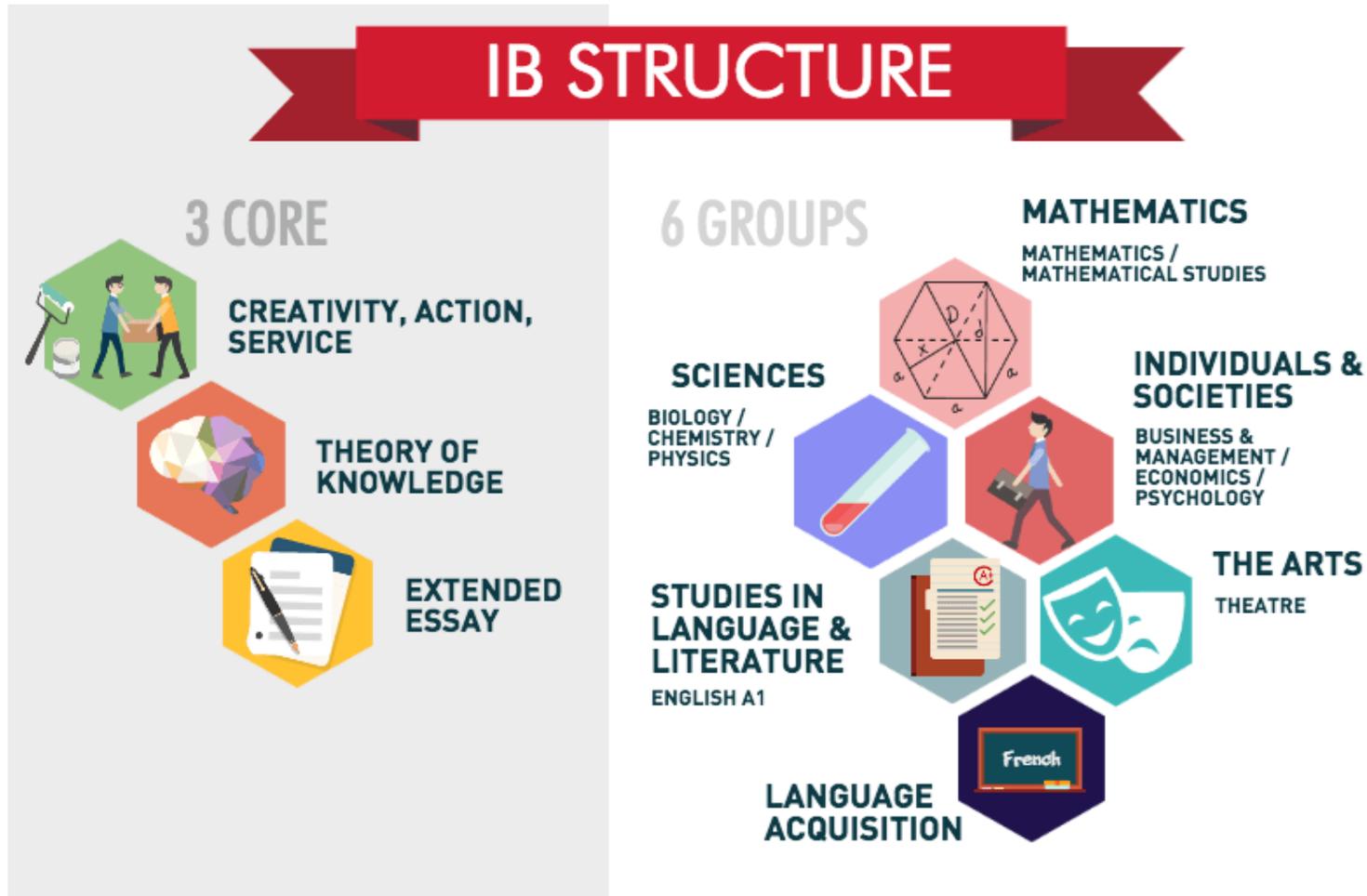
3 H2 subjects
1 H1/H2 subject

At least one H1 or H2 subject is from a **contrasting** discipline

+ GP (H1)
+ MT (H1)
+ PW (Pass/Fail)

<https://www.moe.gov.sg/-/media/files/post-secondary/important-notes-on-subjects-offered-for-pre-u-course.pdf>

IB Diploma Programme Curriculum



1 L1R5 (JC) better than 20

2 Specific Subject Entry Requirements

3 subjects at Higher Level
3 subjects at Standard Level

OR

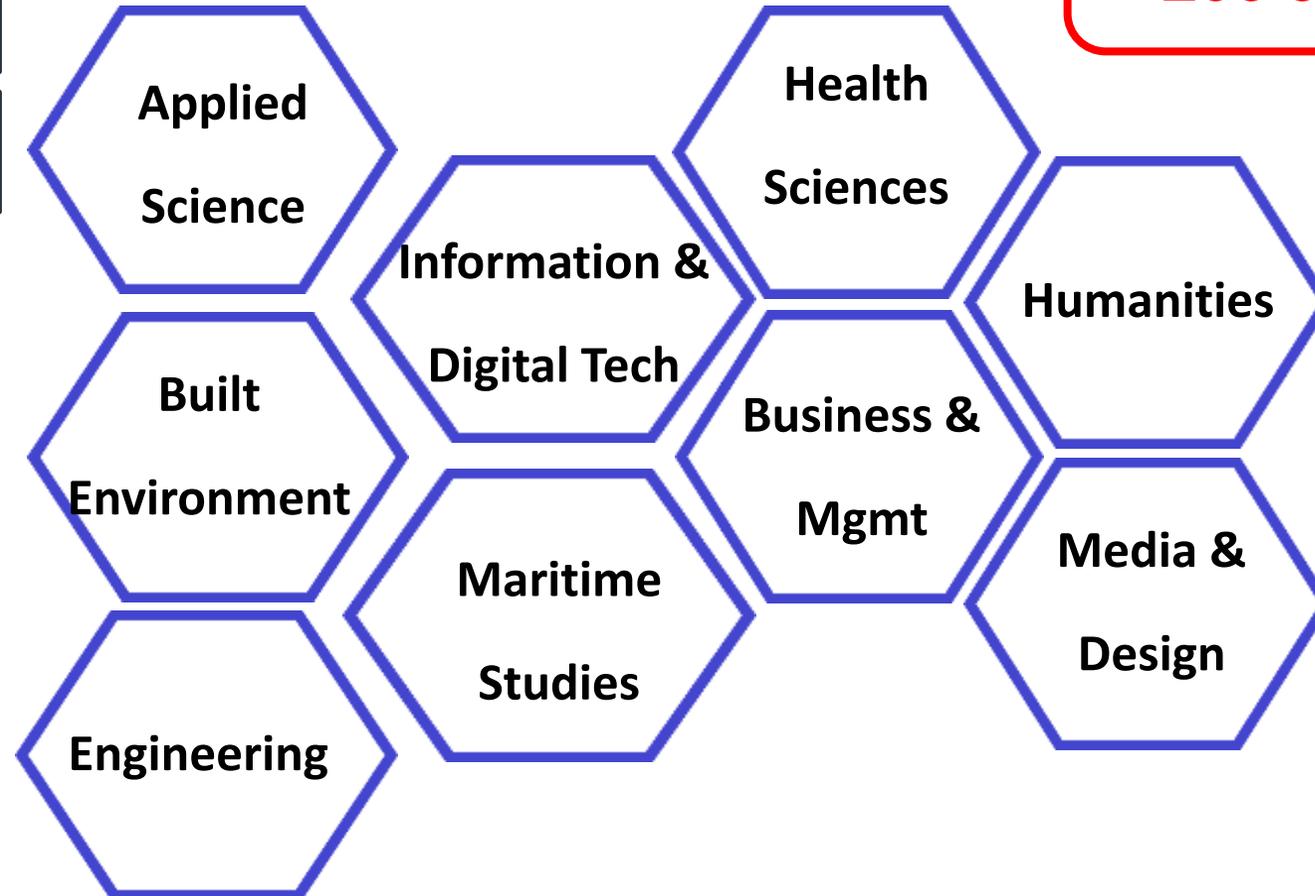
4 subjects at Higher Level
2 subjects at Standard Level

Poly Course Clusters

Close to
200 courses

1 ELR2B2A/B/C/D

2 Specific Subject Entry Requirements



NYP Nanyang Polytechnic

NGEE ANN POLYTECHNIC

REPUBLIC POLYTECHNIC

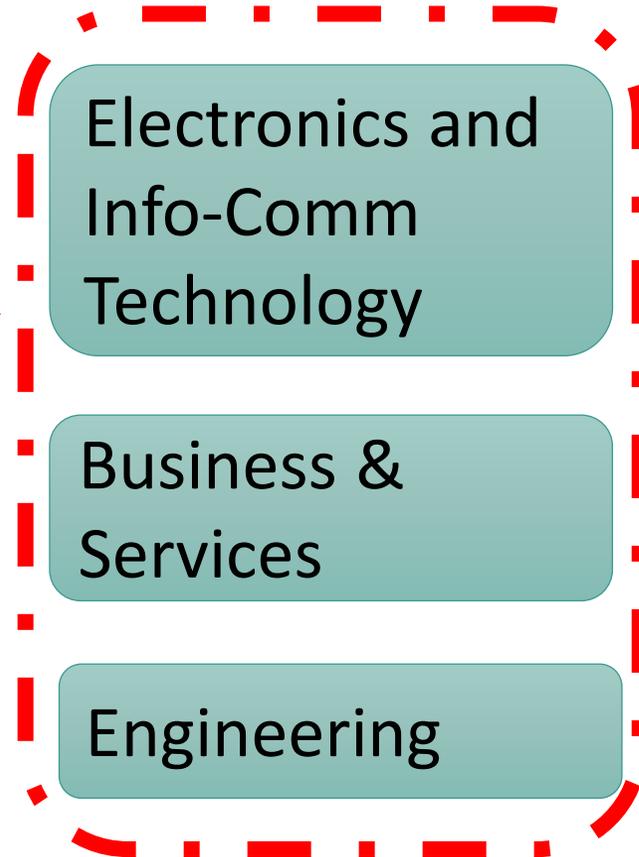
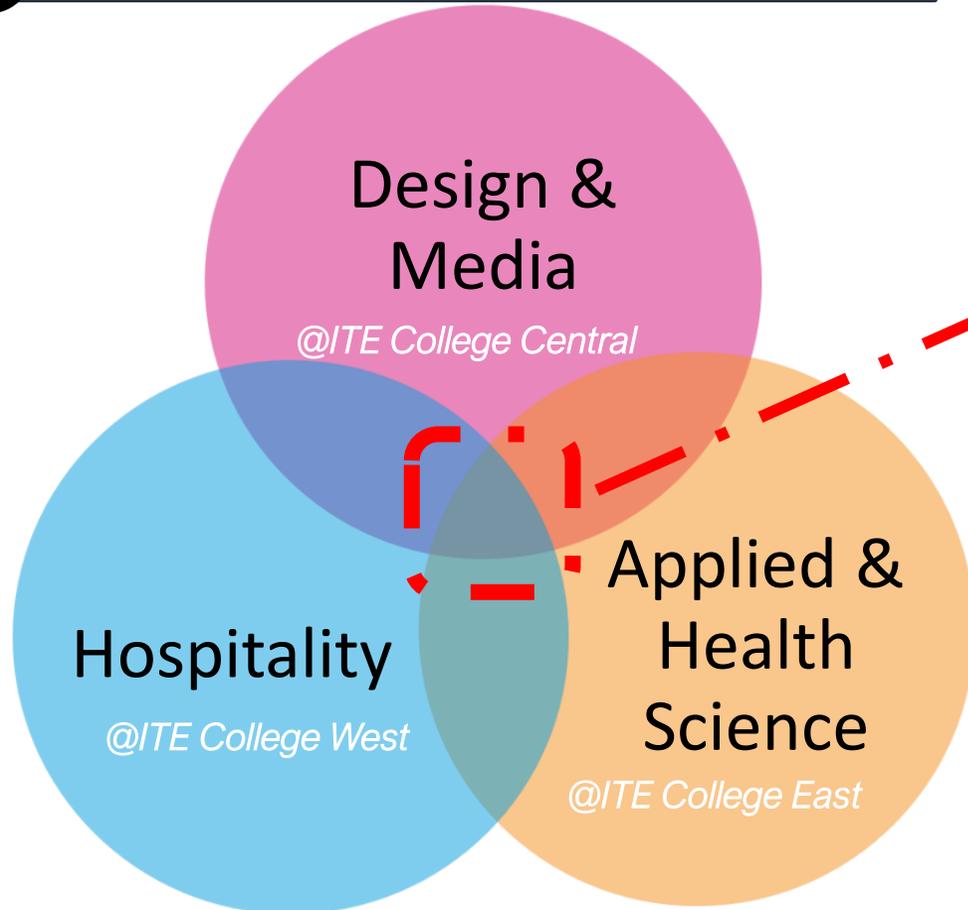
SINGAPORE POLYTECHNIC **SP**

TEMASEK POLYTECHNIC
bringing education to life and life to education

Course Clusters @ ITE

42
courses

- 1 Best 4 subjects
- 2 Minimum Course Entry Requirements



ITE Progression Award (IPA)

SINGAPORE BUDGET 2024

Support for ITE graduates

For ITE graduates aged 30 and below:

- **S\$5,000 top-up** to Post-Secondary Education Account when an ITE graduate enrolls in a diploma programme
- Further **S\$10,000 top-up** to CPF Ordinary Account when the ITE graduate gets their diploma



In FY2024:
Est **\$90 million**
awarded to around
12,000 ITE grads
who enrolled in
/completed their
diplomas

<https://www.moe.gov.sg/microsites/cos2025/>

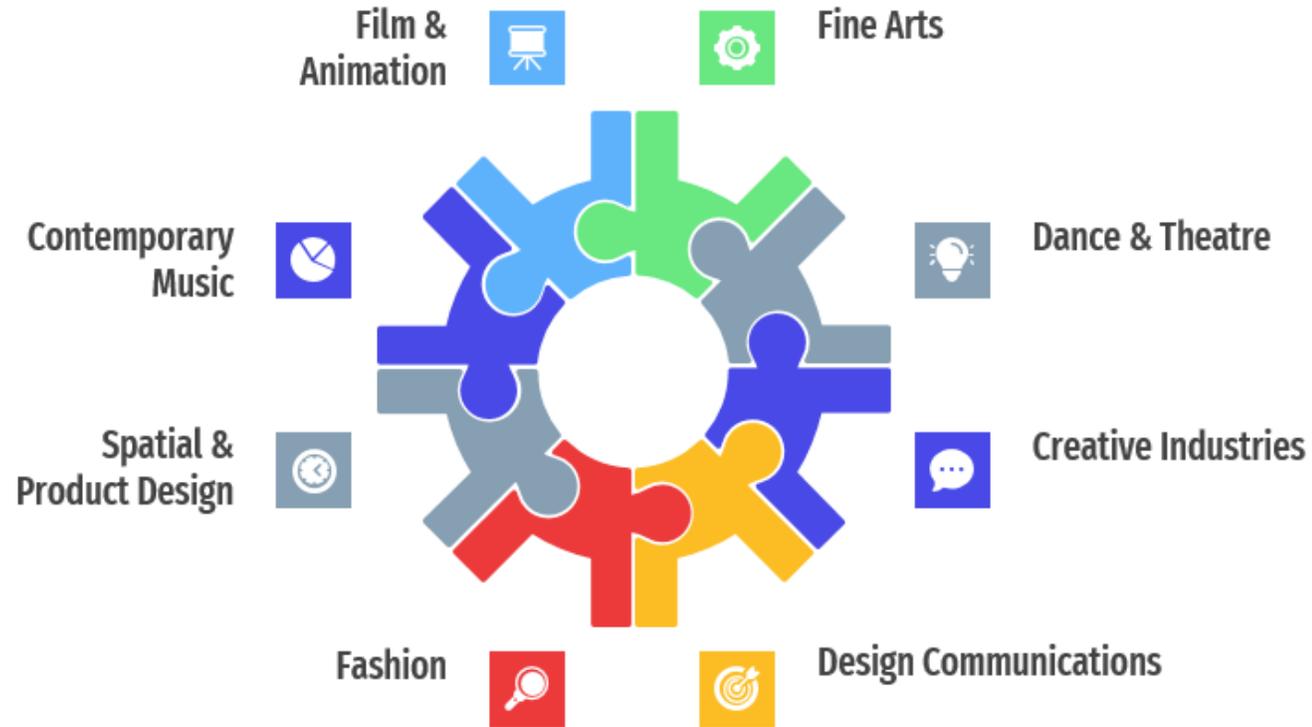
Infographic: Clara Ho
Source: Ministry of Finance, Feb 16, 2024



Arts Institutions

1 Pass O-Level English

2 Net Aggregate (4 O-subjects) ≤ 25



Course-specific requirements apply

UAS University of the Arts Singapore

LASALLE
COLLEGE OF THE ARTS

NAFA
Nanyang Academy of Fine Arts

NAFA
Diploma (nafa.edu.sg); Degree (nafa.edu.sg)

Lasalle
Schools | [LASALLE College of the Arts](http://LASALLECollegeoftheArts)

JC or Poly?

What is right for **YOU?**
(your child)

Real Stories



Poly → JC



JC → MI → Poly

Some considerations

Discuss with your child

- What is your learning style?
- Are you ready to specialise?
- What kind of environment do you prefer?

etc...



Duration



Course Focus



Course Choices



School Structure



Assessment & Results

In Summary

JC/MI

In-depth study of a few subjects

Theory-based learning

One major exam

Structured timetable

POLYTECHNIC

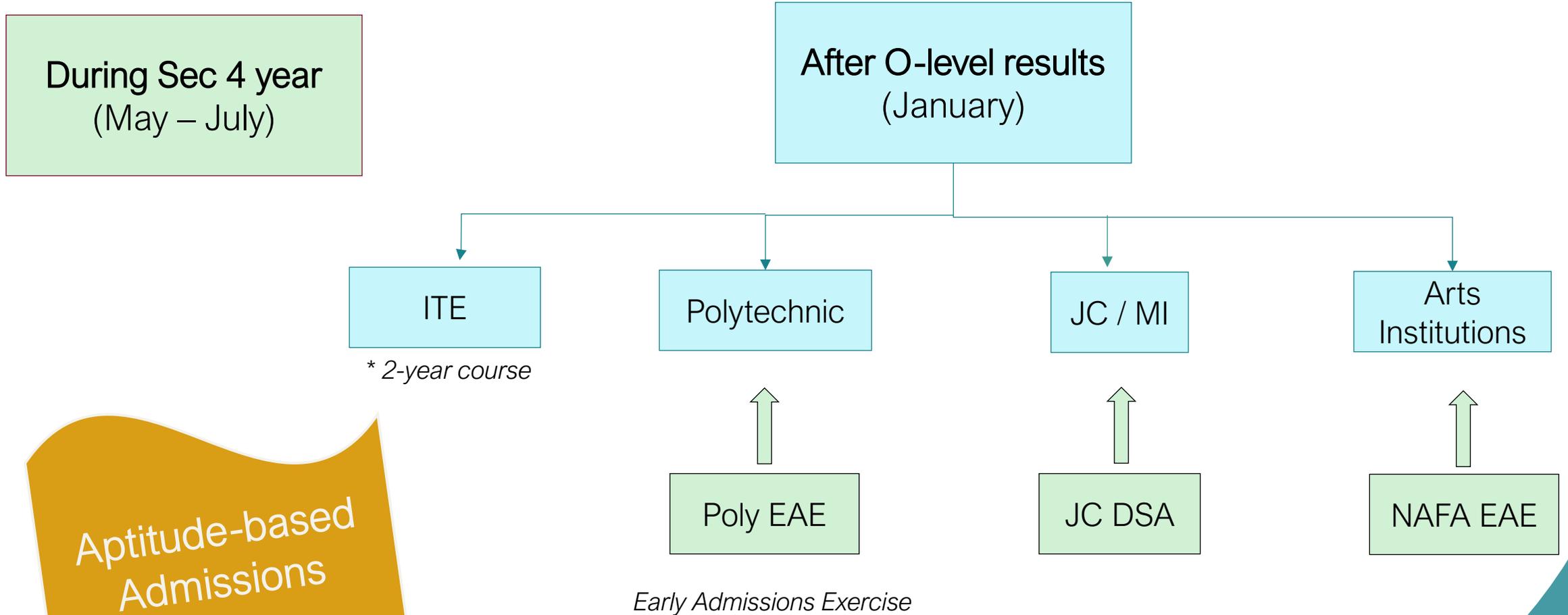
More bite-sized modules

Practice-oriented and applied learning

Cumulative GPA

Flexible timetable

Applications Timeline



Changes to the Education Landscape

Precipitated by trends in the wider world of work (WoW)

Changes in the World of Work



Evolving Global Trends



Rise of Artificial Intelligence & Rapid Technological Advancements



Shifting Values of Work & Aspirations

Conflicting Opinions

SO WHO IS RIGHT?



<https://finance.yahoo.com/news/chamath-palihapitiya-agrees-no-longer-013013584.html?guccounter=1>



<https://economictimes.indiatimes.com/magazines/pa-nache/bill-gates-predicts-only-three-jobs-will-survive-the-ai-takeover-here-is-why/articleshow/119533999.cms?from=mdr>

Disruption to Skills

Future of Jobs Report 2025

Disruption to skills



39% of workers' core skills will change by 2030



Source: World Economic Forum. (2025). *Future of Jobs Report 2025*.

Future of Jobs Report 2025

Core skills in 2025



- Analytical thinking
- Resilience, flexibility and agility
- Leadership and social influence
- Creative thinking
- Motivation and self-awareness
- Technological literacy
- Empathy and active listening
- Curiosity and lifelong learning
- Talent management
- Service orientation and customer service

Cognitive skills Self-efficacy Working with others Management skills Technology skills Engagement skills

Note: The skills selected by surveyed organizations to be of greatest importance to workers at the time of the survey.
Source: World Economic Forum. (2025). *Future of Jobs Report 2025*.

Future of Jobs Report 2025

Top 10 fastest growing skills by 2030



- AI and big data
- Networks and cybersecurity
- Technological literacy
- Creative thinking
- Resilience, flexibility and agility
- Curiosity and lifelong learning
- Leadership and social influence
- Talent management
- Analytical thinking
- Environmental stewardship

Cognitive skills Self-efficacy Working with others Management skills Technology skills Ethics

Note: The skills selected by surveyed organizations to be increasing most rapidly in importance by 2030.
Source: World Economic Forum. (2025). *Future of Jobs Report 2025*.

Source: <https://www.weforum.org/publications/the-future-of-jobs-report-2025/infographics-94b6214b36/>

Skills Required for the Future

Top 10 skills of 2025

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



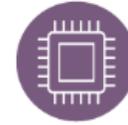
Analytical thinking and innovation



Leadership and social influence



Active learning and learning strategies



Technology use, monitoring and control



Complex problem-solving



Technology design and programming



Critical thinking and analysis



Resilience, stress tolerance and flexibility



Creativity, originality and initiative



Reasoning, problem-solving and ideation

Recognition of Skills

THE BUSINESS TIMES

Low Youjin

Published Fri, Mar 28, 2025 · 10:30 AM

More employers looking beyond academic qualifications; nearly 8 in 10 vacancies don't require them

Manpower Ministry says skills-based hiring is gaining ground

[SINGAPORE] Employers in Singapore are increasingly placing less emphasis on academic qualifications when hiring, with nearly eight in 10 job vacancies in 2024 not listing them as the main consideration.

The *Job Vacancies Report* by the Ministry of Manpower (MOM) released on Friday (Mar 28) indicated that the proportion of vacancies where academic qualifications were not the primary hiring criterion went up to 78.8 per cent in 2024, up from 74.9 per cent in the previous year.

Source: <https://www.businesstimes.com.sg/singapore/more-employers-looking-beyond-academic-qualifications-nearly-8-10-vacancies-dont-require-them>

THE STRAITS TIMES

UPDATED FEB 21, 2023, 06:51 AM

How Singaporean Edwin Toh landed a top job in Google despite not having a degree

In this first of a four-part series on higher education's role in building a sustainable and resilient future, Sandra Davie talks to Google's Tom Dewaele on what the leading technology company looks for when hiring for the new economy, including the green economy.



Mr Edwin Toh began his New York career as an intern in a firm willing to take him on, and now works as a user experience engineer for Google in the city. PHOTO: GOOGLE

Source: <https://www.straitstimes.com/singapore/how-singaporean-edwin-toh-landed-a-top-job-in-google-despite-not-having-a-degree>

Changes in the Education Landscape

Primary	Secondary	Post-Secondary	Institutes of Higher Learning
<p>Revised PSLE Scoring System - Achievement Levels scoring system</p>	<p>Implementation of Full Subject-Based Banding</p>	<p>Polytechnic Foundation Programme (PFP) students choose a cluster of interest instead of a specific diploma</p> <p>Increased access to Polytechnics. Students taking G3 subjects, or a mix of G3 & G2 subjects can join PFP</p> <p>Students can use a G2 subject to compute their ELR2B2 score for admission to Polytechnic Year 1</p> <p>Streamlining of ITE curriculum to attain a Higher Nitec within a shorter time</p> <p>Offering of ITE Work-Study Diplomas</p> <p>Shorter Polytechnic Diplomas for A-Level Students</p> <p>Reduced number of subjects required for Junior College admission from six (L1R5) to five (L1R4)</p> <p>Expanding Direct School Admission-Junior College (DSA-JC) Opportunities</p>	<p>Expanding Aptitude-Based Admissions at Autonomous Universities</p> <p>Inter-disciplinary learning</p> <p>Offering of Work-Study Degrees</p> <p>Establishing University of the Arts</p>

Changes to A-Level Curriculum and Autonomous University Admissions

University Admission Score

From 2026, only 3 H2 content-based subjects will count towards UAS by default.

Fourth content-based subject included only if it improves score

Project Work to be graded as a "Pass/Fail" subject

A Pass in PW still required for applications to autonomous universities.

General Paper

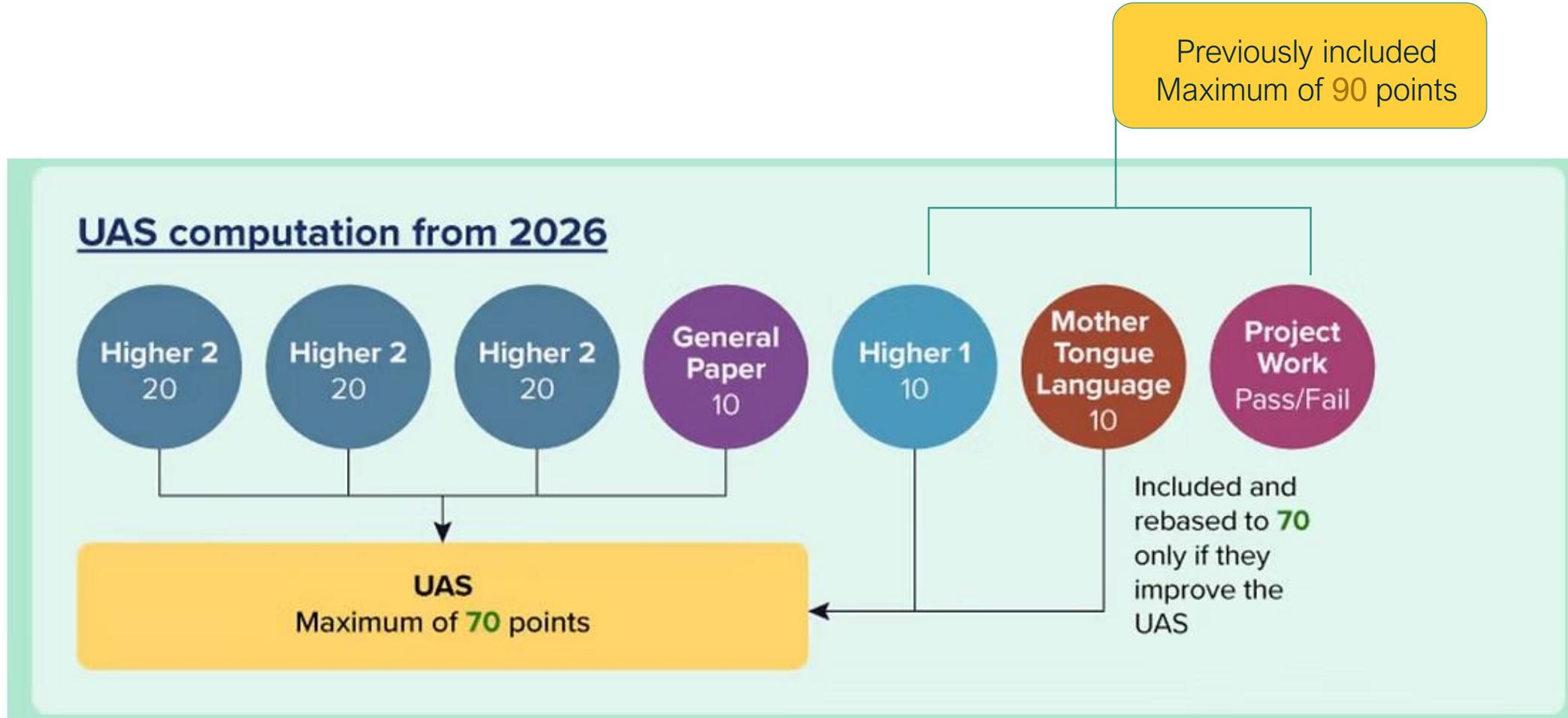
From 2024, all JC1 students will be required to study General Paper (GP)

[Knowledge & Inquiry (KI) de-linked, not allowed to substitute GP]

No more Mid-Year Exam

For JCs and Millennia Institute, starting with the cohort entering 2024.

UAS Computation



Supporting Your Child's ECG Journey

Definitions of Success

We can have more **frank conversations** with our children and families on the definition of success...[it] must be defined by **helping children to realise their own potential, develop their own strengths and ultimately, be confident with themselves.**

Success cannot, should not and must not be the constant need to be compared with someone else and having to live up to somebody else's image

A small, vibrant green seedling with several leaves is growing out of a crack in a grey asphalt surface. The background is a blurred, warm-toned outdoor setting.

*MR CHAN CHUN SING, MINISTER
FOR EDUCATION
PARLIAMENTARY SITTING (2021)*

Parents' Role in ECG



Be **supporters and facilitators** of our children's education and career journey by:



- recognising that **our children are unique** and providing opportunities at home for them to **develop self-awareness** and **discover their values, interests, personality, sense of purpose, and strengths (VIPS)**;



- **being aware of the various education pathways available** and how they cater to the strengths and interests of our children;



- guiding our children to **set targets in working towards their goals** and helping them **develop resilience** by encouraging them to see mistakes and failures as opportunities for growth.

Parents' Role in ECG

Be a Facilitator / Supporter

I see myself as a facilitator and supporter instead of the “director” of my children’s decisions.

Appreciate them for who they are

I recognise that my children are unique with their own values, interests, strengths, personality and skills.



Believe in their growth

I believe that my children’s abilities can grow through dedication and hard work.

Develop their resilience

I help my children to develop resilience by encouraging them to see mistakes and failures as opportunities for growth.

Appreciate all professions and contributions

I appreciate all professions and acknowledge their respective contributions to Singapore



3 ECG Questions to Guide Your Child

Who am I?
Discovering Purpose

- ✓ Discover their values, interests, personality, and strengths (VIPS)
- ✓ Sense of purpose and role in the community

Where do I want to go?
Exploring Opportunities

- ✓ Explore educational and career possibilities/pathways
- ✓ Be open-minded and prepared for possible opportunities

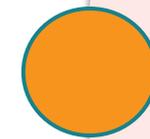
How do I get there?
Staying Relevant

- ✓ Develop S.M.A.R.T goals and action plans
- ✓ Research on updated school information
- ✓ Continue to learn and grow

Consult trusted adults (e.g. parents, teachers, ECG counsellor, etc.)

Suggested Activities

- **Encourage your child to explore the profiling tools** on the MySkillsFuture Student Portal (Secondary).
- **Encourage your child to speak with relevant and trusted adults** - their teachers, as well as ECG Counsellors, alumni and industry professionals
- **Encourage your child to engage in activities**, such as co-curricular activities (CCAs) or Values in Action (VIA)



Discovering Purpose

Exploring Opportunities

Staying Relevant



MySF Portal – Profiling Tools



GO.gov.sg

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

Home / Know Yourself

Know Yourself

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 Educational Career Guidance counsellors if you need further advice.

- Career Interests** (Purple card with briefcase icon)
- Skills Confidence** (Green card with bow icon)
- Work Values** (Blue card with person icon)
- Learning Styles** (Red card with lightbulb icon)

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 suitable for you.

[Find Out More](#)

What would I like to do more of?

What key values matter most to me in a work setting?

What am I good at?

What type of learning environment suits me best?

Discovering Purpose



Interactive activity for Workskills

Discover Your Purpose.
Make A Difference!



Uplift society
and enable social
mobility



Strengthen
sustainable food
production and
security



Provide quality
and accessible
healthcare



Promote lifelong
learning and inclusive
education



Ensure sustainable
management of water
and sanitation



Ensure access to
cleaner energy sources
and address climate
change challenges



Leverage technology
to foster an innovative
economy



Promote inclusivity and
support for individuals
with disabilities



Uphold fairness
and justice for all

Guide your child to think

- What is my purpose?
- How can I use my strengths, interests, values, and personality to contribute to the community?

Source: ECG on the Move Travelling Exhibit

Discovering Purpose



Support them as they discover their VIPS



Encourage reflection on experiences



Connect experiences

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?

What is important to you?
What motivates you?

What are the issues you feel strongly about?

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...?

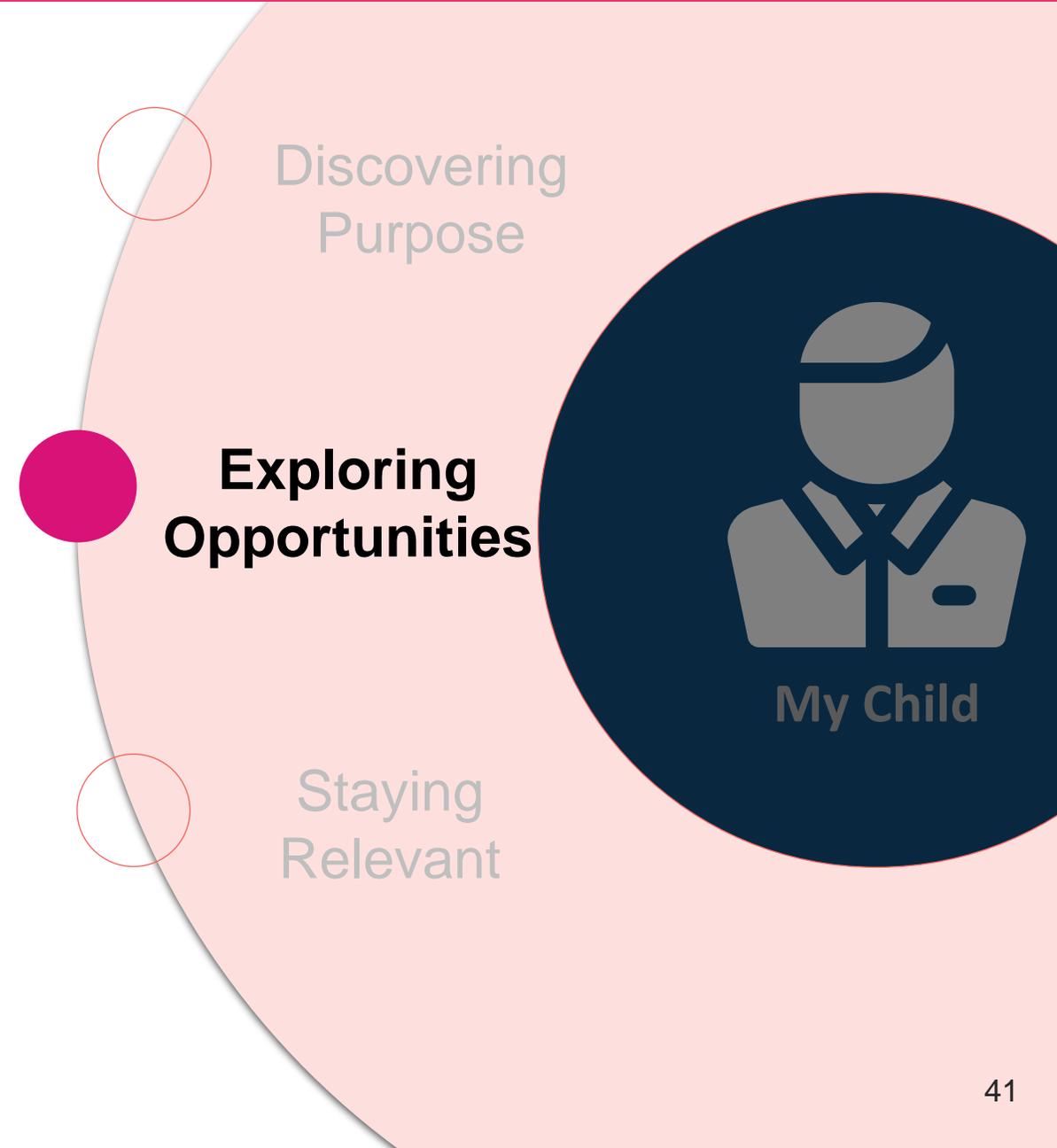
What have you learned in <Subject> that will be useful for <Jobs you like>?

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

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

Suggested Activities

- Explore post-secondary education institutions and possible future careers together with your child.
- Encourage your child to pursue hobbies/projects that allow them to further develop his/her interests and skills.
- Support your child's participation in VIA, learning journeys and education and career fairs to expose him/her to different education and career pathways.



Where Do I Want to Go?



Designer?
Physiotherapist?
Programmer?
Urban Farmer?

Which occupation
should I choose?



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

Sense of Purpose / Challenge



ICT?
Humanities/Arts?
Science/Engineering?
Business?

Which course should I
choose?

Exploring Opportunities

Get them to explore possible education pathways, institutions and courses
Talk to them about their choices

Explore post-sec courses offered by
JCs, Polytechnics and ITE:

[CourseFinder](#)



Explore school information about JCs/MI
(e.g. CCA, subjects, programmes):

[SchoolFinder](#)



MySkillsFuture Portal – World of Work



https://go.gov.sg/worldofworkoccupat
ion

What are the different **industries** available?
What are the **occupations** within each?
What are the **skills** required?

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.

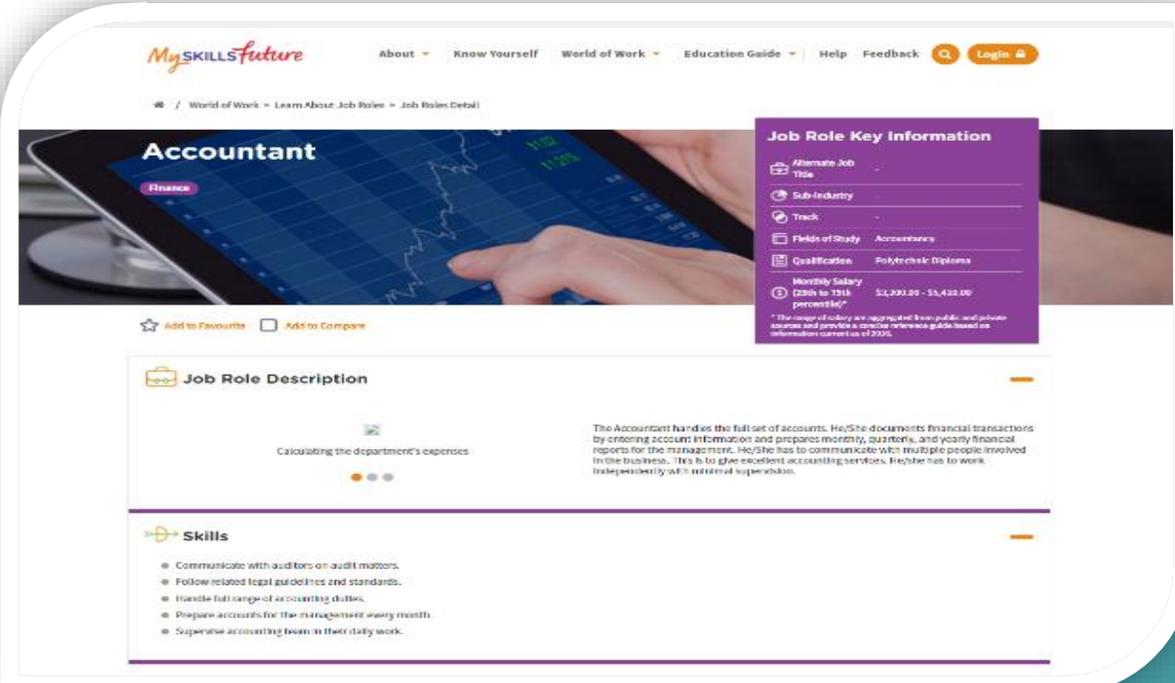
[Find Out More](#)



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 Login

World of Work > Learn About Job Roles > Job Roles Detail

Accountant

Finance

Job Role Key Information

Alternate Job Title	-
Sub-Industry	-
Track	-
Field of Study	Accounting
Qualification	Polytechnic Diploma
Monthly Salary	\$3,991.00 - \$5,433.00
Rank to Title Percentage*	-

* The range of salary are aggregated from public and private sources and provide a concise reference guide based on information current as of 2025.

Job Role Description

Calculating the department's expenses

The Accountant handles the full set of accounts. He/She documents financial transactions by creating account information and prepares monthly, quarterly, and yearly financial reports for the management. He/She has to communicate with multiple people involved in the business. This is to give excellent accounting services. He/She has to work independently with minimal supervision.

Skills

- Communicate with auditors on audit matters.
- Follow related legal guidelines and standards.
- Handle full range of accounting duties.
- Prepare accounts for the management every month.
- Supervise accounting team in their daily work.

Discover On My Way by NYC



DISCOVER
on my way

Finance

The Finance industry is suitable for people good with using numbers to manage and improve business and organisational health



In uncertain economic times, the critical role of Financial Management escalates for individuals, businesses, and governments to ensure stability and growth. Whether in the public or private sector, Finance and Accounting professionals have an important role to play. If you are good with numbers and like to manage the health of businesses and organisations, the Finance and

What you should know about Market Research Analyst jobs in Singapore



Nature of Work

You need Standard Query Language (SQL) skills to manage databases and turn complex data into actionable business insights for FinTech.



Key Advice

You can pick up SQL by enrolling in an online course. For example, NUS Business School offers an online programme dedicated to FinTech innovations!

Entry Requirements

- Minimally, you will need a degree in Business Analytics, Statistics, Information Systems, Data Science, or any other relevant field.
- Having an interest in blockchain also helps you better understand the workings of a FinTech company!

Possible Pathway

Industry Trends



Fintech Innovation

The Finance industry is increasingly influenced by Fintech, with technologies like Blockchain, Digital Currencies, and Robo-advisors revolutionising traditional banking, payment systems, and investment strategies.



Artificial Intelligence and Data Analytics

AI and Advanced Data Analytics are becoming integral in Finance for risk assessment, fraud detection, customer service, and personalised financial advice. Using big data and machine learning algorithms allows for more accurate predictions and efficient financial management.



Sustainable and Responsible Investing

There's a growing trend towards Environmental, Social, and Governance (ESG) investing, where financial decisions are made considering financial returns and environmental and social impact.

Exploring Opportunities



Exploring areas of interests

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

Are there others you have in mind?

What are the skills / knowledge you wish to develop / gain?

Would you prefer something more academic or hands-on and work-oriented?



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

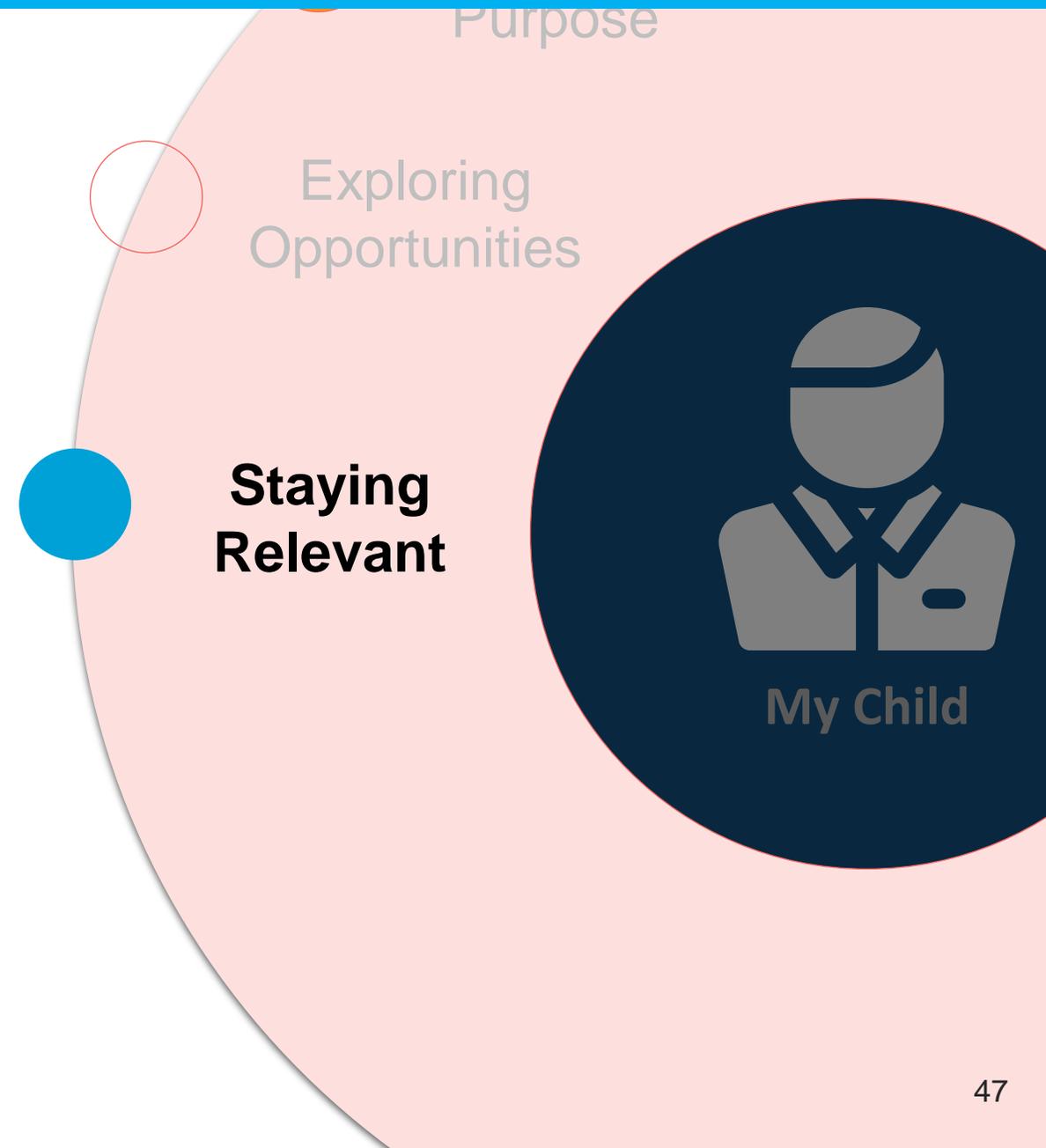
That's a job I don't know much about, could you tell me more what it does?

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?

Suggested Activities

- Share your lifelong learning journey with your child, encouraging him/her to **set and review self-developmental goals**, and document their learning experiences and reflection.
- Encourage your child to **connect and learn from industry professionals** at career fairs and other events.
- Encourage your child to **find out more about the school programmes and resources available** that will allow them to develop skills and learn continually.



True Stories, Real Experiences

Different pathways to success



SCH BAG

Preschool Primary Secondary Post-Secondary Special Education Lifelong Learning [Subscribe](#) 🔍 🗨️

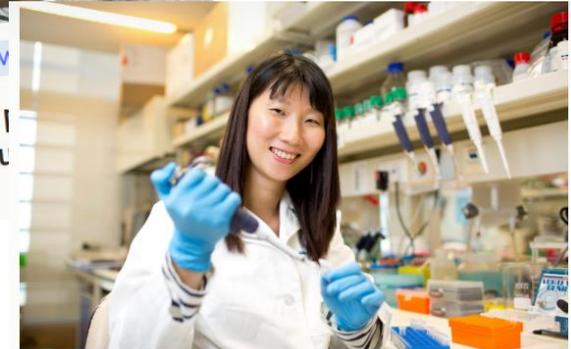
 **Daring to be different: How tinkering around led this CEO to start a multinational chip business**
19 June, 2024

 **Finding his voice: Nothing clicked till he became a voiceover artist**
31 May, 2024



ARTS EDUCATION MULTIPLE PATHWAY

From art to algorithms, this student challenges the status quo



MULTIPLE PATHWAYS STEM

From weak start to top scientist: Genomics researcher pushes vaccine frontiers

13 May, 2024

Staying Relevant



Get your child to be responsible for his/her plan

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

Are there any prerequisites / 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?

How can you better engage and support your child?



Guide your child to be open-minded, explore possibilities and understand that **there are pathways to purposeful work for everyone.**



Help him/her to **appreciate** and be **respectful towards all jobs.**

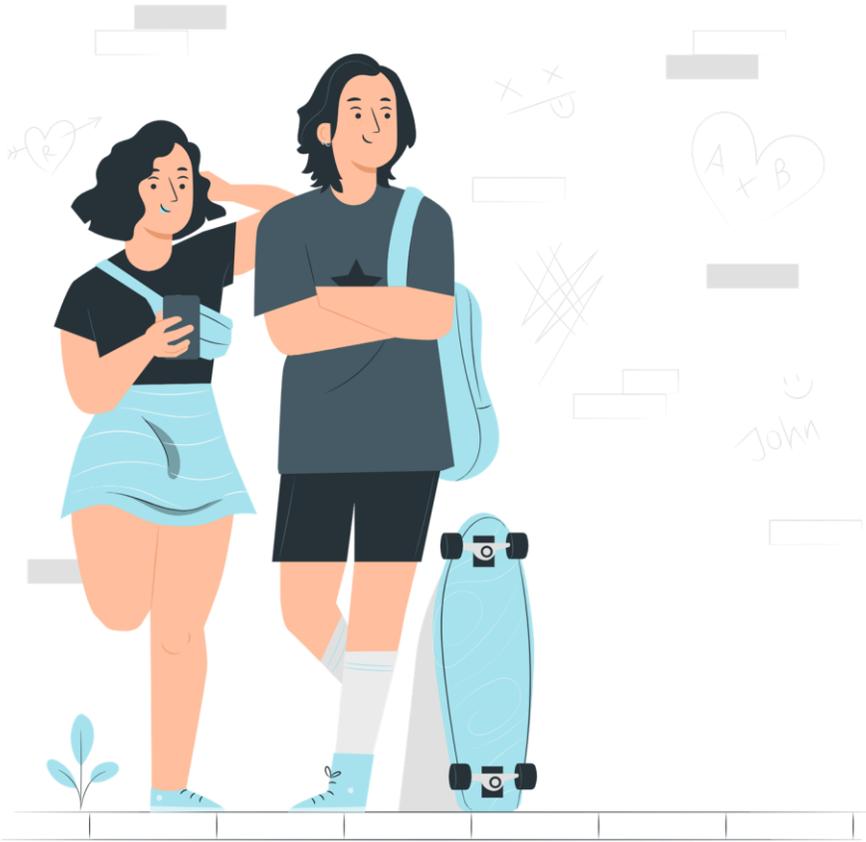


Help him/her **not to limit** themselves to certain education and career options **by gender or prestige stereotypes.**



Create opportunities for him/her to interact with peers from diverse backgrounds. Through these opportunities, students can embrace lifelong learning by continually developing his/her interests, skills and **create his/her own success stories.**

Supporting Your Child's Aspirations



Have regular and genuine conversation with your child

Familiarise 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

ECG Programmes at GESS



ECG-infused CCE lessons

Introduction to MySkillsFuture (MySF) portal and resources



Cohort talks



Learning Journeys

Includes visits to Polys/ITEs



GESSian Week

Focus on ECG in Sec 4



Individual counselling/Group guidance

Your child can book a slot to chat with me about their educational and career aspirations.

Ms. Christina Ho **Education & Career Guidance Counsellor**

WHEN: Sem 1: Every Tue & Wed
Sem 2: Every Mon & Tue
8.30am to 5.00pm

WHERE: ASE Room (Level 1, Classroom Block)

E-MAIL: ho_yuin_ching_christina@moe.edu.sg

For appointment booking, please scan the QR code or go to <http://go.gov.sg/book-ecg-gess>



<https://go.gov.sg/book-ecg-gess>

**Thank you
for
your feedback**

Onward!



<https://go.gov.sg/gess-sec3parents>