



# Warm Welcome

**Sec 2 Meet-Parent-Session 2026 (G1)**

**Mrs Oh Lay Ling  
Vice-Principal**



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**Gan Eng Seng School**



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



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



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





# Programme

Holistic Development of Gessians

Post-Secondary Education Options

Subject Combinations and Considerations

Q & A



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Adaptive & Inventive Thinking

Leveraging EdTech to enhance T&L



Global & Cross-cultural Literacy

Character & Citizenship Education



# Gessians of Excellence, Standing & Significance



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**Gessian Experience Week –  
Sec 2 Outdoor Adventure Learning Centre (OALC) Camp**



## THE GESSIAN PORTRAIT



### PRINCIPLED LEADER

*Demonstrates integrity and moral courage in word and deed*

### ENGAGED LEARNER

*Constructs and communicates knowledge using both self-directed and collaborative means*

### REFLECTIVE & INNOVATIVE THINKER

*Adapts to complexities, applies inventive thinking and innovates for a better*



### ACTIVE CITIZEN

*Thinks globally and exhibits civic literacy*



# What is important for Secondary 2s this year?

- **Balance academic work** with CCA and other school-based activities for holistic development, which includes mental well-being
- Be familiar with the different **post-secondary educational pathways** available
- Build strength of **character and leadership skills**



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# Understanding Post-Secondary Education Options

# Post-Secondary Options Available:

From 2028,

**more post-secondary options  
will be available.**

Students taking at least	POST-SEC PATHWAYS							
	3-Year Higher Nitec	2-Year Higher Nitec	NAFA Foundation Programme (NFP)	Arts Institutions	Polytechnic Foundation Programme (PFP)	Polytechnic Year 1	Millennia Institute	Junior College
5 G3 subjects	✓	✓	NEW ✓	✓	NEW ✓	✓	✓	NEW ✓
4 G3 + 1 G2 subjects subject	✓	✓	NEW ✓	NEW ✓	NEW ✓	NEW ✓		
5 G2 subjects	✓	✓	✓		✓			
4 G1 subjects	✓	NEW* ✓						

\*Students who offer 4 G1 subjects will join Year 1 of Higher Nitec, and may be offered the accelerated pathway if they meet academic requirements during their Year 1 Semester 1 examinations. This pathway will allow them to attain a Higher Nitec in a shorter duration of about two years.



# Changes in the Post-Secondary Landscape

Reduced number of subjects required for Junior College admission from **six (L1R5)** to **five (L1R4)**

Expanding Direct School Admission-Junior College (DSA-JC) Opportunities

Shorter Polytechnic Diplomas for A-Level Students

Poly Foundation Programme students choose a cluster of interest instead of a specific diploma

Increased access to Polytechnics. Students taking G3 subjects, or a mix of G3 & G2 subjects can join Poly Foundation Programme

Expanding Common Entry Programme offerings by Polytechnics

Students can use a G2 subject to compute their ELR2B2 score for admission to Polytechnic Year 1

Streamlining of ITE curriculum to attain a Higher Nitec within a shorter time

Offering of ITE Work-Study Diplomas

ITE Progression Award (IPA) to encourage young ITE graduates to upskill early.

# Post-Secondary Options Available:

Institute of Technical Education (ITE)

Year 1 Entry -  
3-Year Higher Nitec Course

For more information on the post-secondary pathways, you may refer to: <https://go.gov.sg/moe-fsbb>



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# Post-Secondary Options Available:

## Additional ITE option

New accelerated pathway for students who perform well in Year 1 Semester 1

Recognise and reward strong performers

**Target group:** Students who perform well in **Year 1 Semester 1**

**•Acceleration:**

Instead of progressing normally to Year 1 Semester 2, they skip ahead to **Year 2 Semester 2**

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# Revised Downward Grade Mapping

- Students can use grade mapping to aggregate scores across subjects offered at different subject levels for post-secondary progression

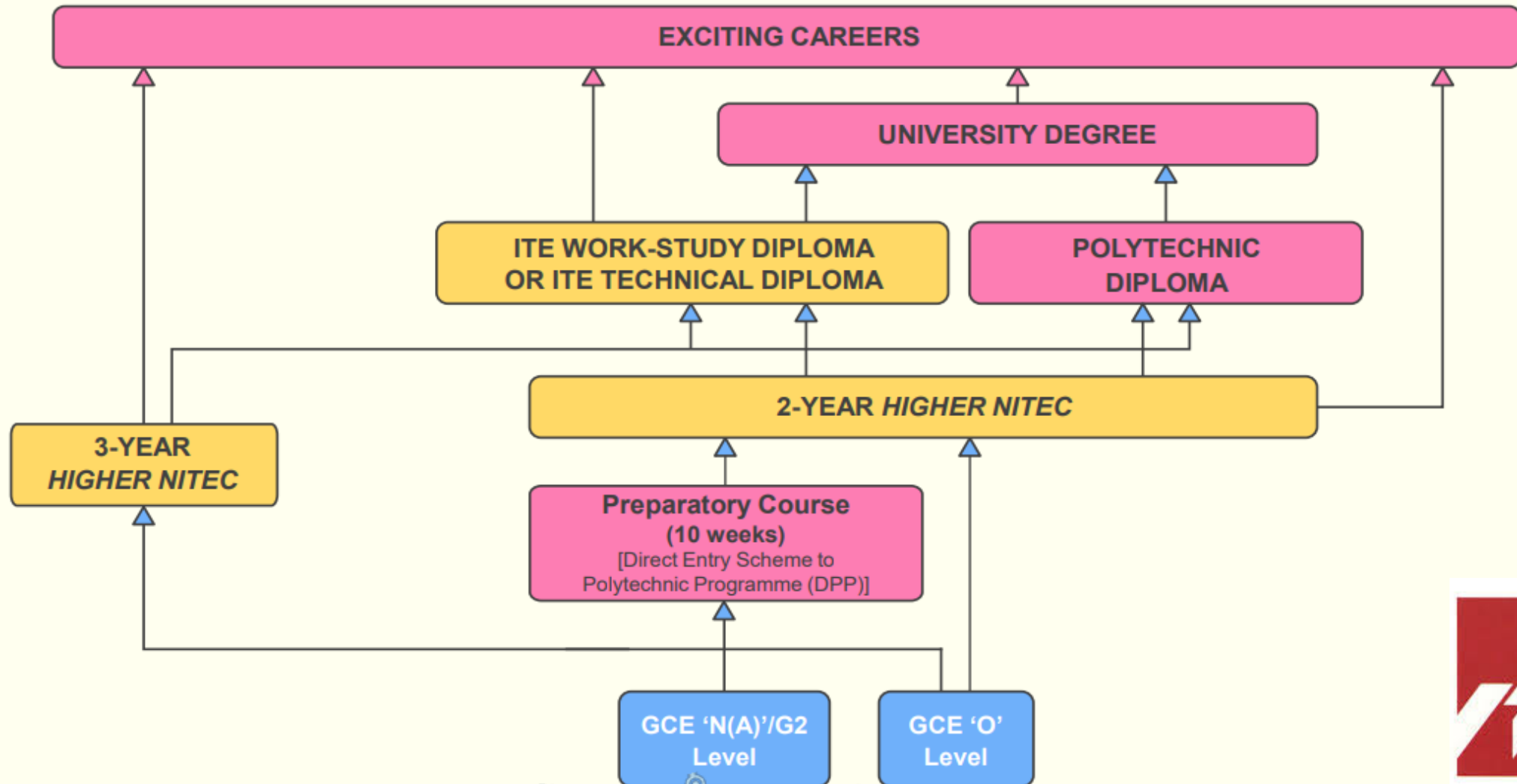
<b>Downward grade mapping table from G3 to G2</b>	
<b>G3</b>	<b>G2</b>
A1-B3	1
B4-C6	2
D7	3
E8	4
9	5
	6

<b>Downward grade mapping table from G2 to G1</b>	
<b>G2</b>	<b>G1</b>
1	A
2	A
3	A
4	B
5	C
6	D
	E

**Higher-level grades are converted (“mapped down”) to lower-level equivalents so all subjects can be counted together.**

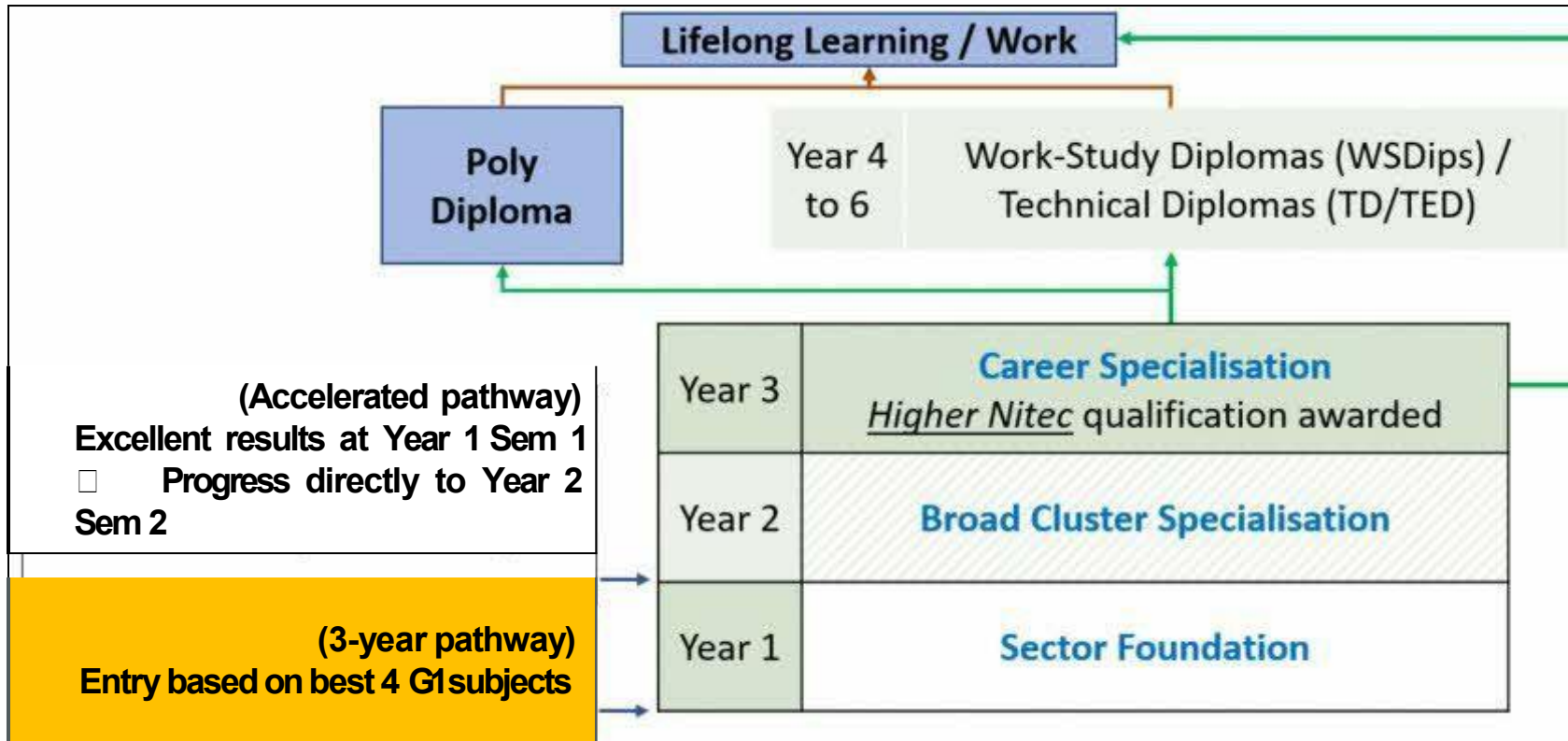
# 3-year Higher Nitec

## PROGRESSION PATHWAYS



# 3-Year Higher Nitec (AY2026 intake onwards)

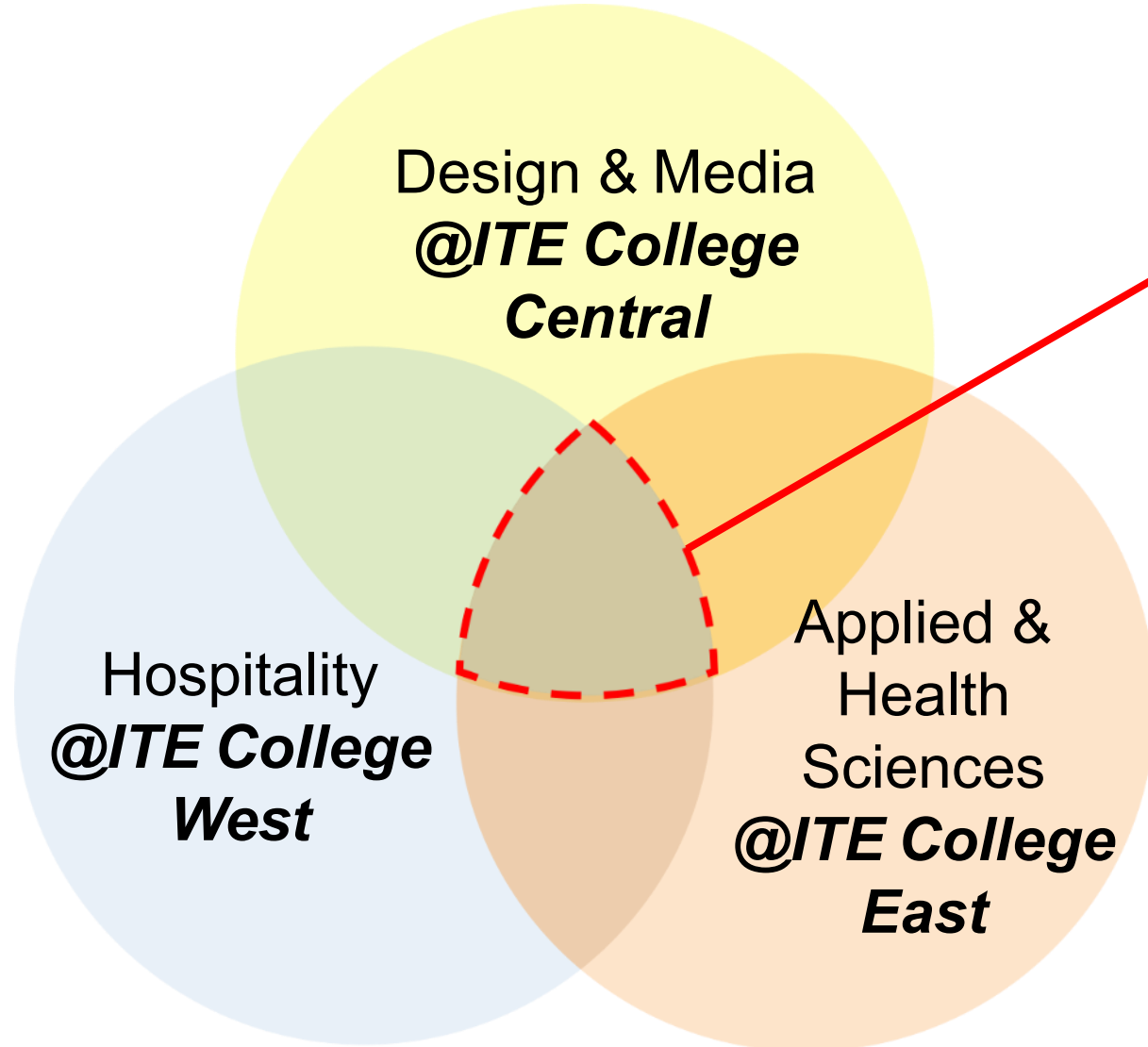
- A stronger foundation for further education and skills education and skills upgrading



**Gain deeper industry skills with Industry Attachment (IA)**

- 3-month IA in Year 2
- 6-month IA in Year 3

# Course Clusters in 3 ITE Colleges




**@ITE College  
Central, East and  
West**

Electronics &  
Info-Comm  
Technology

Business & Services

Engineering



*All you need to know about the*

# **ITE Early Admissions Exercise**



# EARLY ADMISSIONS EXERCISE (EAE)

Do you have a special talent or passion for a course in ITE?

Secure your place with us before your GCE 'N' or 'O' Level exams!

1

Apply for a course based on your aptitude and interest

2

Attend an interview and/or aptitude test, if selected

3

Receive a Conditional Offer for admission to ITE before your GCE 'N' or 'O' Level exams!

4

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



Scan to view  
EAE video



My aspiration is to either become a sports management professional, a Karate athlete, or a Karate coach. To work towards this, I decided to apply for the EAE in *Higher Nitec* in Sport Management. This has allowed me to develop useful practical skills while attaining relevant theoretical knowledge such as in the area of sports science and coaching. I believe this has placed me in good stead for a fulfilling sports career!

**Brylle Neo Ming Wei**

*Higher Nitec* in Sport Management  
ITE College East



# Prepare for your Application

## Prepare for application

- Register for your Singpass account to access the ITE EAE portal. If you need a step-by-step guide, please visit <http://go.gov.sg/sp-student-guide>.

## Prepare your write-ups

- Short write-up (100 words) on why you want to enter the course
- Clear and concise descriptions of your interests, passion and relevant skills, experiences and activities participated in.

## Prepare relevant documents

- Portfolios (where relevant), e.g. for design courses.
- Other examples include evidence of experiences / involvement in course-related activities, CCA records, course-related certificates / awards, latest school-based examination results.

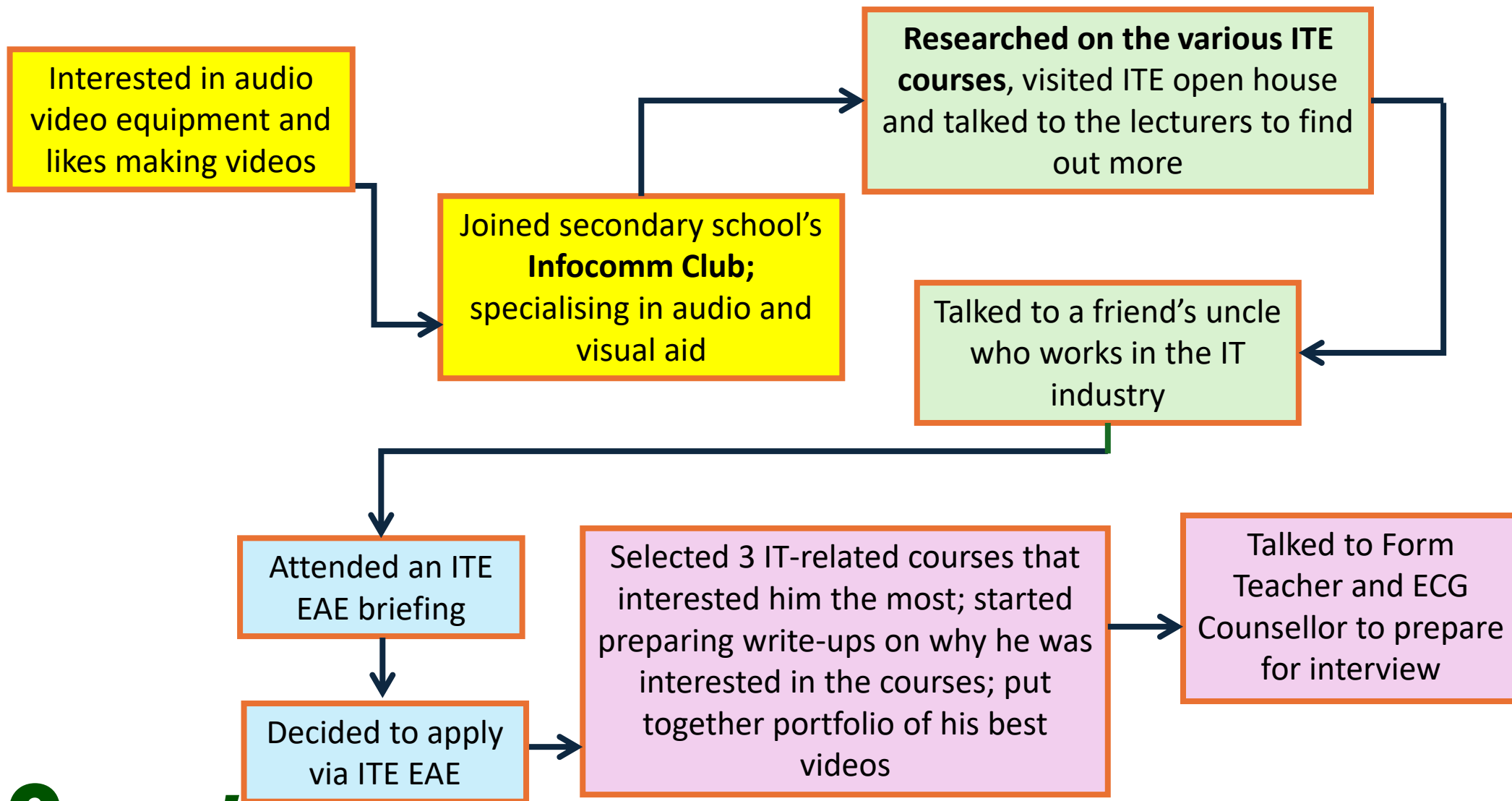
## Prepare for interviews

- Be ready to share about your passion and aptitude for the course with the interview panel.
- ITE will contact shortlisted applicants for interview via email, phone call or SMS.



# Benjamin's Story

From Interest to Action  
Prepared for Opportunity



# Singapore-Cambridge Secondary Education Certificate (SEC)

- **From the 2027** graduating cohort, students will sit for the new Singapore-Cambridge Secondary Education Certificate (SEC) examination, comprising different papers for each subject level. Students will receive an SEC that reflects the subjects and subject levels that students offer.
  - *SEC examination timetable will be harmonised to allow students to better pace their learning with all students taking their examinations in the same period*
  - *Written examinations for English and Mother Tongue Language (MTL) will be conducted ~1 month ahead of other subjects, with only one sitting for MTL*



# Academic Progression from Full-time Higher Nitec

For students in the **G1**

- pathway to Polytechnic is primarily determined by your performance at ITE.
- transition from ITE to Polytechnic for Higher Nitec students is managed through the **Joint Polytechnic Admissions Exercise (JPAE)**.
- Progression to Technical Diploma courses
- Progression to Work-Study Diploma courses
- Progression to Polytechnic Diploma courses
- National Service deferment and disruption policies

ITE training has become a practical and viable alternative route to tertiary education. At every course level, ITE has created opportunities for graduates to progress to higher level training both internally and externally.



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# 2027 Sec 3 Subject Combination & Considerations



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# Progression Criteria

## All students generally progress to Sec 3

Students may be offered subjects at a more demanding level taking into consideration a range of factors such as

- Performance in WAs
- Aptitude towards the respective subjects and
- Ability to cope with higher academic demands, e.g. G2 MTL.



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# Considerations to Subject Combinations

- Student holistic development & well-being
- Options for progression to post-secondary pathways
- Student demonstrated strengths
  - Overall performance in Sec 2 - 3 WAs (10% x 3) & EYE (70%)
- Optimisation of resources
  - Manpower, sufficient number of students in group



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# 3G1 Subject Combination 2027 – 5 Examinable Subjects

Subject 1	English Language	E
Subject 2	Mathematics	M
Subject 3	Mother Tongue Language	B1 / B2
Subject 4	Science	B1 / B2
Subject 5	Computing	B1 / B2

Note: ITE Higher Nitec/ Nitec Aggregate Score is based on 4 subjects, **EMB2 (EL, MA, Best 2 Subjects)**



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# Why 5 Subjects...

1. Try new experiences
  - a. **Enrichment modules** will be offered to students to develop varied talents and interests.
2. **Grow holistically** in other ways
  - a. Strengthen leadership skills by taking on roles in class committees, CCA Exco, Student Council, etc.
  - b. Volunteer or contribute to the community
3. **Deepen learning**
  - a. If you face difficulties in coping with your studies, you could devote more time to the subjects that you find more challenging
4. Take the time to... breathe and pace yourself 😊

Students taking at least	POST-SEC PATHWAYS					
	ITE Year 1 Entry	ITE Year 2 Entry	Polytechnic Foundation Programme (PFP)	Polytechnic Year 1	Millennia Institute	Junior College
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5 G3 subjects	✓	✓	NEW ✓	✓	✓	NEW ✓
4 G3 + 1 G2 subjects	✓	✓	NEW ✓	NEW ✓		
5 G2 subjects	✓	✓	✓			
4 G1 subjects	✓	NEW ✓				

\*For students who meet ITE's Year 1 academic requirements

# Enrichment Programme



Aimed at:

- Developing E21CC of adaptive & inventive thinking, collaboration and communication skills;
- Building strength of character and life-long learning; and
- Developing talents and interests of students.



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# Compulsory Subject Humanities Exposure Modules (HEM) - Non-Examinable

## Broad Exposure, No Exam Pressure:

Students take Social Studies and explore Geography, History and Literature through non-examinable modules to discover their interests at lower Sec.

- Upper Sec – Social Studies (History)

## Building Future-Ready Citizens:

HEM develops global awareness, critical thinking, and prepares students for informed subject choices in upper secondary.



# SCIENCE



# Science Content

**Table 3:** Key inquiry questions for all modules

Module	Key Inquiry Question
Machines Around Us (II)	How do we use energy conversions to make our lives better? How is electricity generated and transmitted? How do we use electrical circuits to make our lives better? How do we use waves to make our lives better? How do we use effects of force to make our lives better?
Food Matters	How do we produce enough food for the population? How do we use separation techniques and chemical reactions to make our lives better? How do we ensure that our food is safe to eat?
Our Body and Health (II)	How do we stay healthy? How does our digestive system keep us alive? How does our respiratory system keep us alive? How does our circulatory system keep us alive?

Physics

Chemistry

Biology

**Table 4:** Overview of syllabus content

Module	Machines Around Us (II)	Food Matters	Our Body and Health (II)
Topic	<ul style="list-style-type: none"> <li>Energy</li> <li>Electricity</li> <li>Wave</li> <li>Effects of Force</li> </ul>	<ul style="list-style-type: none"> <li>Sources of Food</li> <li>Food Chemistry</li> <li>Food Safety</li> </ul>	<ul style="list-style-type: none"> <li>Staying Healthy</li> <li>Digestion</li> <li>Breathing</li> <li>Blood Circulation</li> </ul>



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# G1 Computing

## Value of Computing Subjects



### Computer Science:

Understanding the **field of Computing** and **emerging technologies** such as Artificial Intelligence (AI), and how they transform the way we live.



### Computer as Tools:

Acquiring **digital literacy and technological skills** to prepare students for the **technology-driven workplace** in the future.



### Computers and Society:

Understanding the **ethics and societal impacts of technology** and developing important **21<sup>st</sup> Century competencies** e.g., critical and adaptive thinking skills

G1 Computing, replacing Computer Applications (CPA) from 2026

Essential **digital literacy, computational thinking, and software skills.**

It focuses on practical, hands-on experience in **programming (Scratch), spreadsheet analysis, media creation, and cybersecurity**, preparing students for a technology-driven workplace

# G1 Computing – Syllabus Content

Key Focus	7 Modules	Topics	
Computing Concepts	<b>Computing Fundamentals</b>	1.1 Components 1.2 Input & Output	1.3 Software
	<b>Networking</b>	2.1 Concepts 2.2 Cloud Computing	
Emerging Technology	<b>Impact of Computing</b>	3.1 Technology	3.2 Responsible Use of Computers
Digital Literacy & Software Skills	<b>Document Processing (Word)</b>	4.1 Body Text 4.2 Page properties	4.3 Graphics & text boxes
	<b>Media Software (PowerPoint)</b>	6.1 Media Elements 6.2 Vector graphics	6.3 Raster graphics 6.4 Presentations & Videos
	<b>Spreadsheets (Excel)</b>	5.1 Cell Formats 5.2 Charts 5.3 Formulas	5.4 Functions 5.5 Sorting & Filtering 5.6 Data validation
Computational Thinking	<b>Programming (Scratch)</b>	7.1 Basics 7.2 Game programming	



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# 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.**



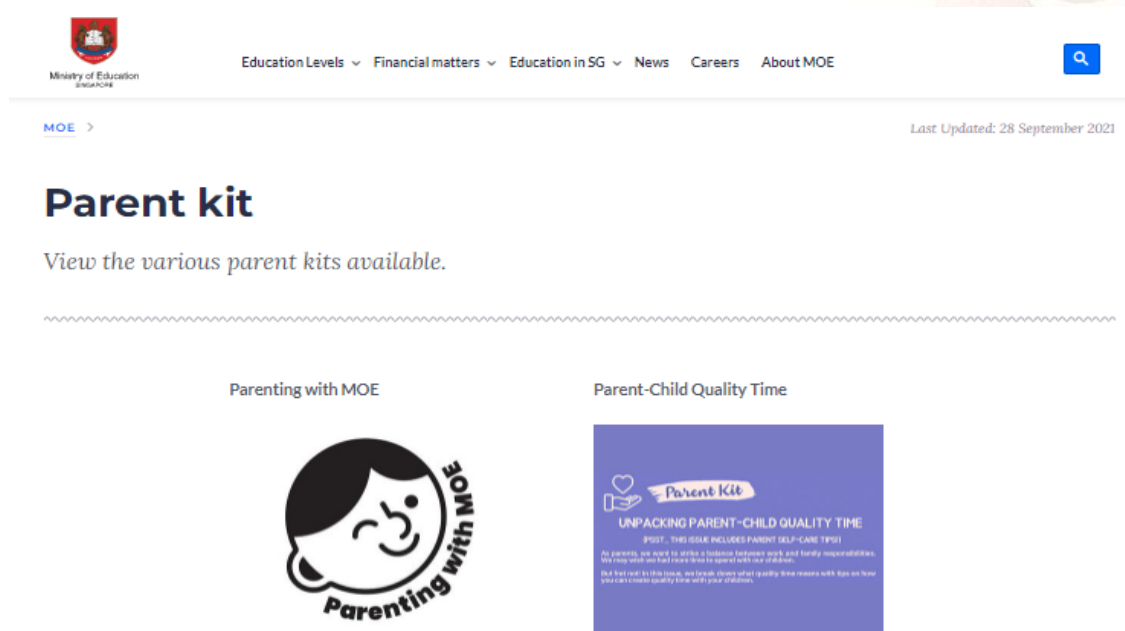
Help him/her **not to limit** himself/herself to certain education and career options **by gender or prestige stereotypes.**



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.**

# Resources for Parents

- MOE has a website that provides tips and guidance on supporting your child/ward in their schooling years
- Access it via <https://www.moe.gov.sg/parentkit> or scan the QR code:



Your child can book a slot to chat with the **ECG counsellor** about their educational and career aspirations.

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

WHEN: Every Mon & Tue 8.30am to  
5.00pm

WHERE: ASE Room (Level 1, Classroom Block)

E-MAIL: [ho\\_yuin\\_ching\\_christina@moe.edu.sg](mailto: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>

# Channels of Communication (Reaching Out to School)

- Parents Gateway
- Term Letter to parents
- Email addresses of staff on school website
- Generic School Email Address: [gess@moe.edu.sg](mailto:gess@moe.edu.sg)
- General Office Contact: **64745594**

## CESS Social Media Platforms



## Teachers

- Contactable during office hours on weekdays
- Will reply within 3 working days

CONTACT US



# Parent Kit

Supporting Our Teens in Choosing Post-Secondary Pathways

6 May 2025



Ministry of Education  
SINGAPORE

Our teens will soon be pursuing their next phase of learning. We may be wondering about the pathways available to them and how we can guide them on their options.

Get started [here](#) to learn about the post-secondary options available to our teens.

Here are 4 tips for parents

## 1 Take a step back from our own expectations

Every teen is unique. Encourage them to think through their options by recognising their own interests and strengths.

Offer advice but avoid pressuring them to qualify for a certain pathway based on our own expectations and experiences.

### Consider these factors

- Overall interest in the course or school
- Travel time between home and school
- Duration of study
- Future work opportunities related to

## 2 Hear our teens out

Ask them about their thoughts and feelings on their strengths, aspirations and preferred pathways. Make them feel heard.

When we observe their interests and strengths, we can intentionally validate them by sharing what we see.

Ask how they would like to be supported. Assure them of our support as they think about their choices.

### Take a moment to reflect

Begin by reflecting how well you understand your teen. Ask yourself, do I know...

# MOE Parent Kit



Ministry of Education  
SINGAPORE



<https://go.gov.sg/e0hwq8>

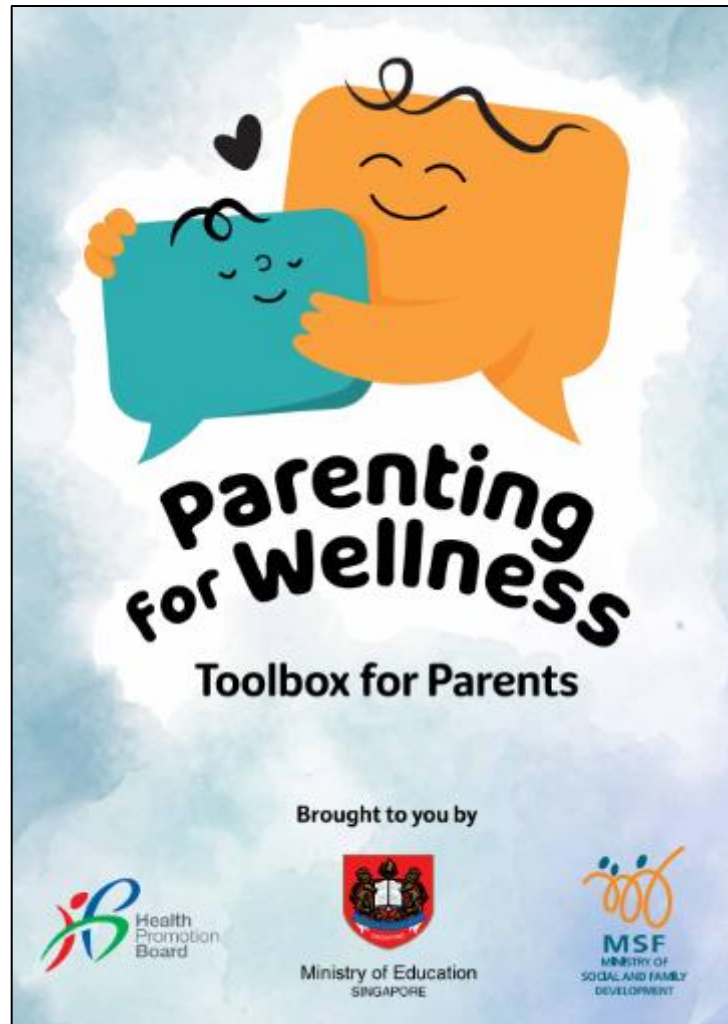
**MOE PARENT KIT**



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# Latest Resource: Parenting for Wellness Toolbox



An initiative to empower parents with key knowledge and skills to build strong parent-child relationships, strengthen their children's mental well-being and resilience, and parent effectively in the digital age.

The Toolbox for Parents comprises **bite-sized practical tips and strategies for parents**, such as ways to create a safe and nurturing home environment, build resilience in children, and stay safe online.





# PARENT-TEACHER ASSOCIATION

*Together, We Nurture. Together, We Grow.*

✉ [GESSPTA21@gmail.com](mailto:GESSPTA21@gmail.com)

# Who Are We?

## Our Mission

The PTA is committed to promoting close co-operation and understanding between parents, principal and teachers — and providing the necessary support to create a conducive learning environment that brings out the best in every student.

## Our Objectives



Promote co-operation between parents, principal & teachers for student welfare



Provide opportunities for open discussion on student education matters



Foster social interaction and fellowship among parents and teachers



Provide financial assistance to students in need



# Thank you !

This is our school  
We dwell here,  
In contentment,  
We abide here,



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



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



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