

Progression Pathways

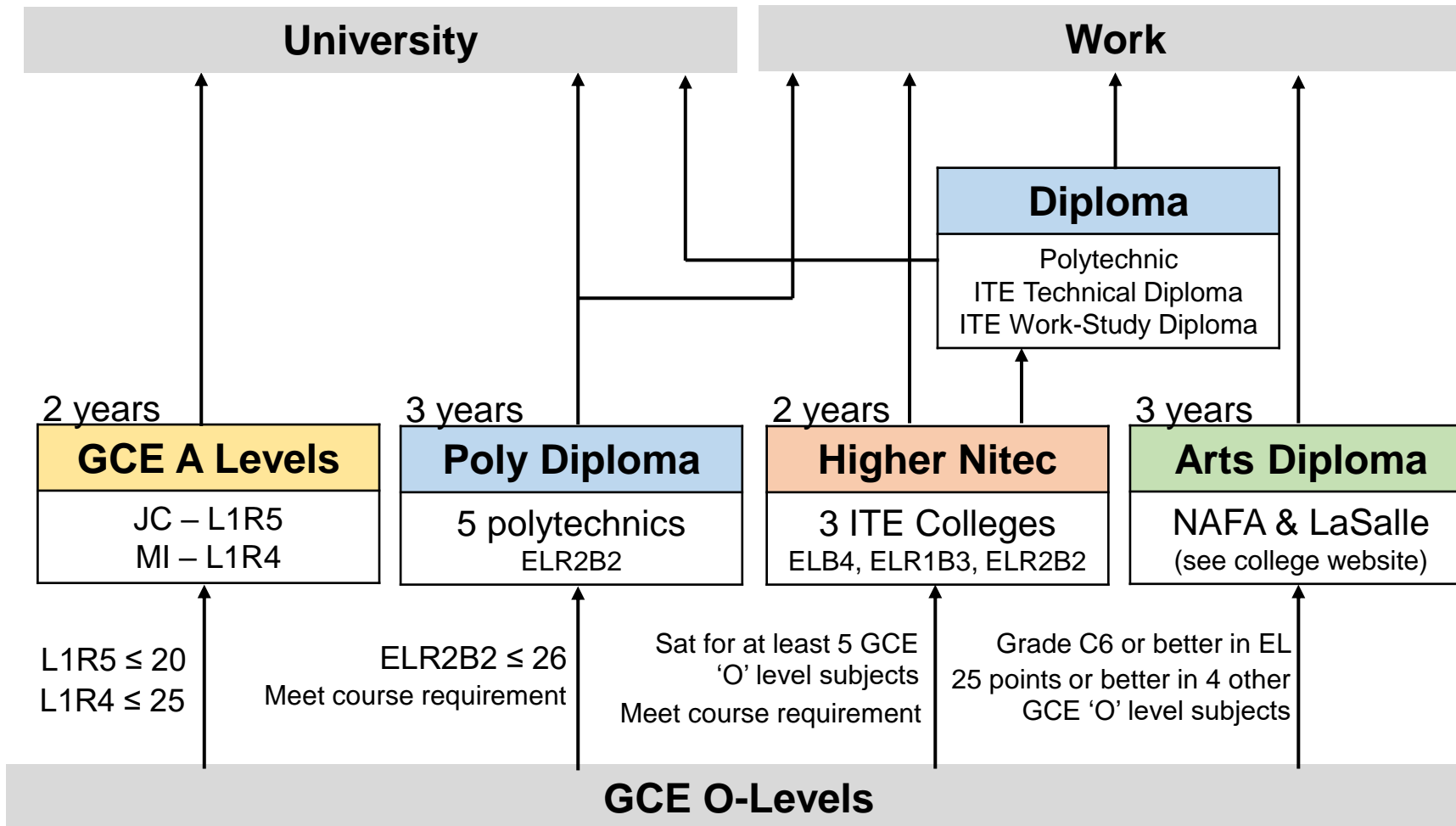
For students taking GCE 'O' levels

Mr Nur Izhar

HOD Character and Citizenship Education (Covering)



Post-Secondary Pathways





What is Joint Admission Exercise?

What is Joint Admission Exercise (JAE)?

Refers to the main admission exercise for eligible GCE O-Level certificate holders to apply for admission to JCs, MI, polytechnics and ITE.

Begins in January, after the release of the GCE O-Level results.

Students will be given an individualised Form A, which shows what a he/she is eligible for, and his/her various aggregate scores.

Example of Form A

Please apply your course choices by **DD/MM/YYYY, 04:00 PM**.

Your 20XX GCE O-Level Examination results:

ENGLISH LANGUAGE = A2, MALAY = B3, MATHEMATICS = C6, SCIENCE (CHEMISTRY & BIOLOGY) = B3,
PRINCIPLES OF ACCOUNTS = B3, HUMANITIES (SOCIAL STUDIES, HISTORY) = B3, GEOGRAPHY = C5
CCA = EXCELLENT

Subject description and grade obtained

Aggregate types and gross aggregate scores (without bonus points)

Your gross aggregate scores (without bonus points):

JC	MI	Polytechnic				ITE		
L1R5	L1R4	ELR2B2-A	ELR2B2-B	ELR2B2-C	ELR2B2-D	ELB4-A	ELR1B3-B	ELR2B2-C
19	14	14	17	17	17	14	14	17

Your eligible courses:

- You meet the entry requirements for the below courses and are eligible to apply. However, a place in the course is not guaranteed as admission is based on merit, your choices and available vacancies.
- Course codes and descriptions can be found in www.moe.gov.sg/jaecourses.

Explore JAE courses

JC/MI:

You are eligible for all JC/MI courses.

Eligible courses

Polytechnic/ITE:

C- Nanyang Polytechnic, N- Ngee Ann Polytechnic, R- Republic Polytechnic, S- Singapore Polytechnic, T- Temasek Polytechnic
V- Institute of Technical Education

C27	C28	C29	C30	C31	C32	C34	C35	C36	C38	C41	C42	C43	C45	C46	C47	C49	C50	C51
C52	C54	C62	C65	C67	C69	C70	C71	C72	C73	C75	C80	C81	C85	C87	C89	C93	C94	C96
C97	C98	N11	N12	N13	N14	N15	N40	N41	N42	N43	N44	N45	N48	N50	N51	N53	N54	N55
N56	N57	N59	N60	N65	N67	N69	N71	N72	N73	N74	N81	N82	N83	N85	N91	N93	N94	N96
N97	N98	R11	R12	R13	R14	R16	R17	R18	R19	R21	R22	R24	R25	R26	R28	R32	R33	R34
R35	R36	R37	R39	R40	R42	R43	R45	R46	R47	R48	R49	R50	R52	R54	R55	R56	R57	R58
R59	R60	R61	R62	R63	R64	R65	S28	S29	S30	S31	S32	S38	S40	S42	S47	S48	S50	S53
S54	S63	S64	S66	S67	S68	S69	S70	S71	S73	S74	S75	S76	S88	S89	S90	S91	S94	S95
S98	S99	T01	T02	T04	T07	T08	T09	T10	T13	T18	T20	T22	T23	T25	T26	T28	T29	T30
T33	T35	T38	T40	T43	T45	T48	T50	T51	T53	T56	T58	T59	T60	T62	T63	T64	T65	T66
T67	T68	T69	T70	T71	V10	V11	V12	V13	V14	V15	V16	V17	V18	V19	V20	V21	V22	V23

Aggregate Types

The admission to JC, MI, polytechnics and ITEs requires different aggregate types.

Legend:

L – language; EL – English; R – relevant; B – best

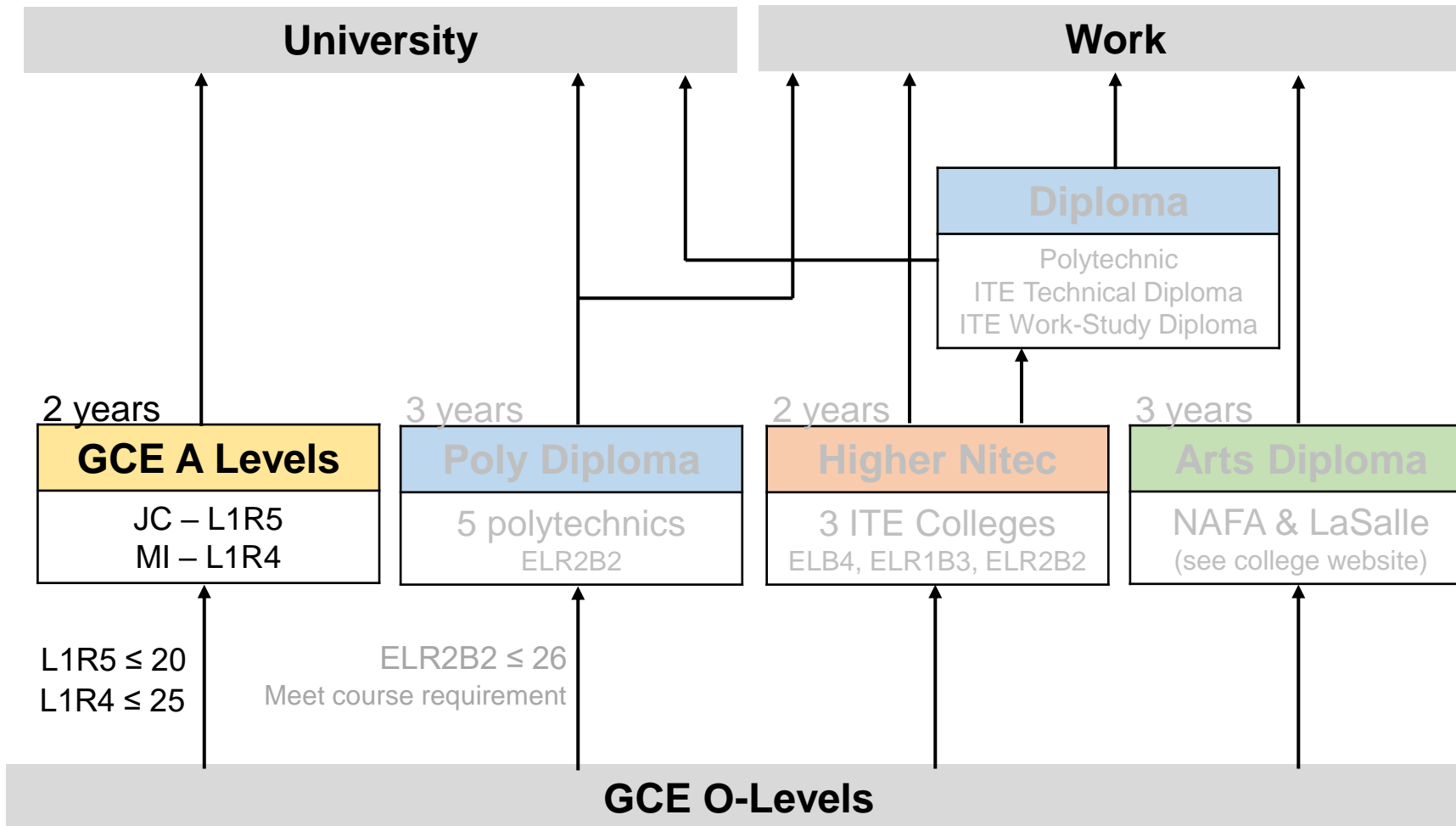
CCA = EXCELLENT

Your gross aggregate scores (without bonus points):

Aggregate types and gross aggregate scores (without bonus points)

JC	MI	Polytechnic				ITE		
L1R5	L1R4	ELR2B2-A	ELR2B2-B	ELR2B2-C	ELR2B2-D	ELB4-A	ELR1B3-B	ELR2B2-C
19	14	14	17	17	17	14	14	17

Post-Secondary Pathways



Post-Secondary Pathways

Information regarding GCE A Levels

Minimum Entry Requirement:

- Gross L1R5 \leq 20 for Junior Colleges
- Gross L1R4 \leq 25 for Millennia Institute

Appeals will not be accepted if applicants do not meet the minimum entry requirement.

L1R5	Subjects
L1	English or Higher MTL
R1	Any 1 best-scoring subject from Humanities
R2	Any 1 best-scoring subject from Mathematics or Science
R3	Any 1 best-scoring subject from Humanities, Mathematics or Science
R4, R5	Any 2 best-scoring subjects

If Higher MTL is used as the L1, then MTL **cannot** be used as an R4/R5 relevant subject.

Grade Requirements:

- English Language: min C6
- Any 1 Mathematics: min D7
- Any 1 MTL: min D7 (or min E8 for HMTL)

Conditional admission may apply if applicant does not make the grade requirement.


Refer to MOE JAE website for more information.

Minimum Entry Requirement:

- Gross L1R5 \leq 20 for Junior Colleges
- Gross L1R4 \leq 25 for Millenia Institute

Each JC has its own cut-off points. The cut-off points may also differ for the Science and Arts streams within the same school.

Jurong Pioneer Junior College


 Choa Chu Kang
21 Teck Whye Walk, S688258

 2024 JAE L1R5 aggregate: **Arts: 9 - 15** • **Science: 5 - 14**

Refers to the net L1R5 score
i.e. with bonus points

Eunoia Junior College

 Bishan
2 Sin Ming Place, S573838

 2024 JAE L1R5 aggregate: **Arts: 3 - 7** • **Science: 2 - 6**

An applicant with a net L1R5 score of 7
and admitted into the Arts stream
cannot transfer to the Science stream in
the same school.

Bonus points:

Applicants can get a maximum of 4 bonus points from the following combinations.

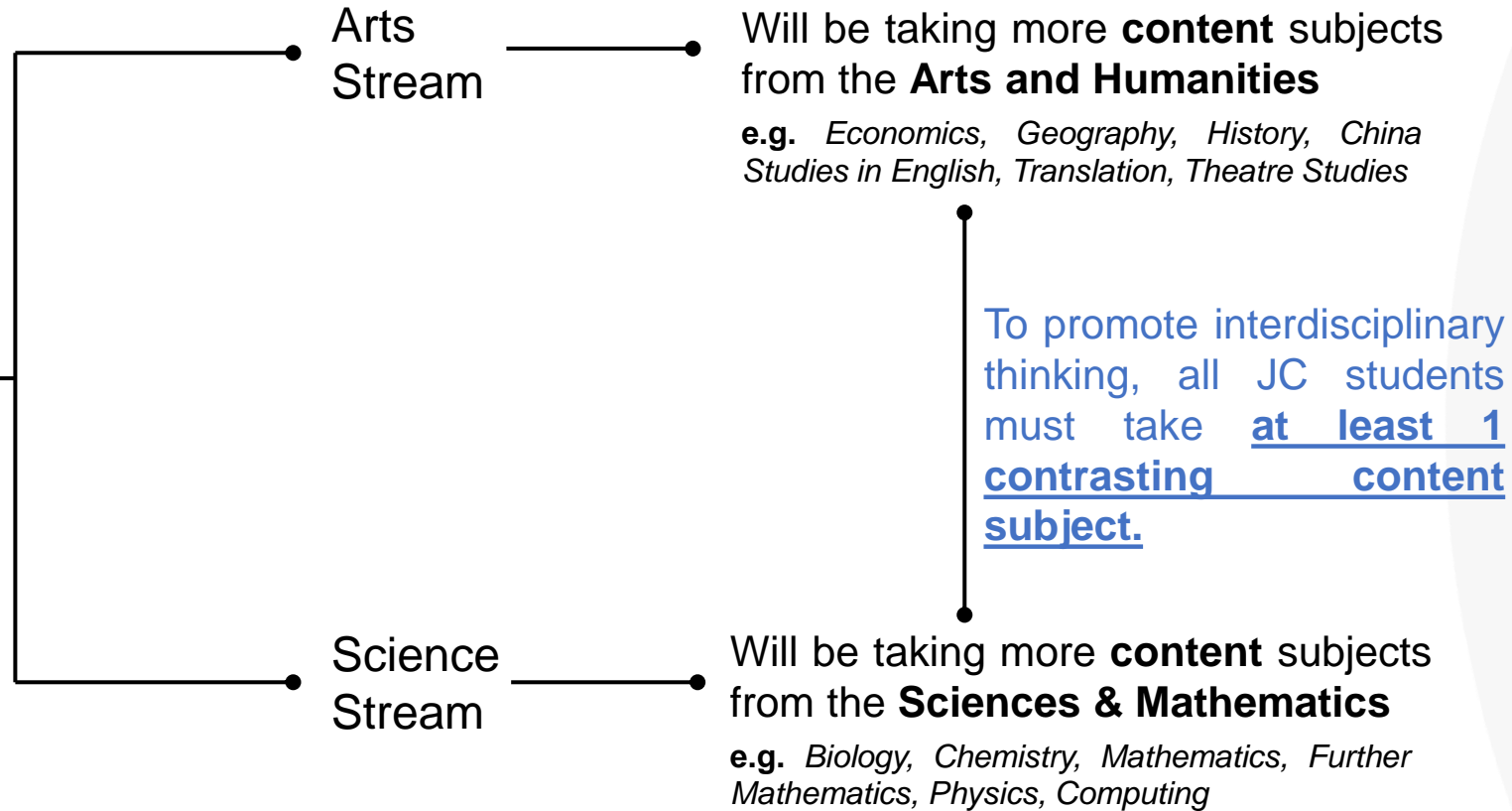
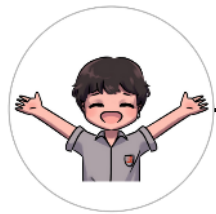
CCA Grade		EL & HMT Grade
Excellent A1 or A2	Good B3 to C6	A1 to C6
2 bonus points	1 bonus point	2 bonus points

Applicants can get an additional 2 bonus points if they have applied **AND** are selected for Chinese, Malay or Tamil Language Elective Programmes. However, not all JCs offer the language elective programmes.

Successful applicants must remain in the LEP programme while in JC, or they can be asked to leave.

Post-Secondary Pathways

Information regarding GCE A Levels

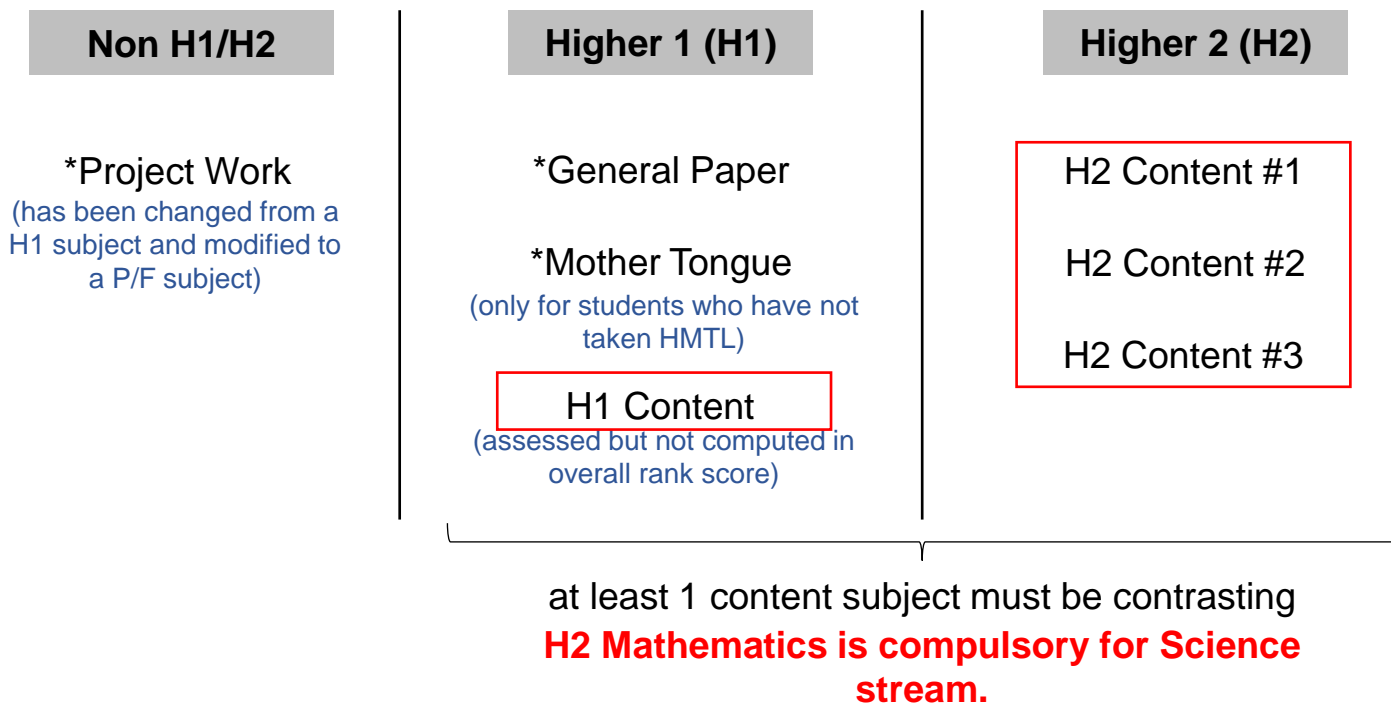


Post-Secondary Pathways

Information regarding GCE A Levels



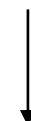
A typical student will take:



Most content subjects are offered at both H1 and H2 level, with some exceptions e.g. Computing, China Studies in English are exclusively offered at H2 level.



H2 subjects have double the number of learning outcomes than its H1 counterpart.



Consequently, H2 subjects have double the timetabled hours, and double the number of papers to sit for in an examination.

Subject Combinations:

JCs provide many subject combinations to cater to students' personal interests, abilities and future career choices. Students are advised to choose a subject combination carefully that best suits their needs and aspirations.

Important:

1. Students may not be offered all the available subject combinations in the given stream.

E.g. students with no Sci (Phy) or Phy will not be offered any subject combinations with H2 or H1 Physics.

Subject Combinations:

JCs provide many subject combinations to cater to students' personal interests, abilities and future career choices. Students are advised to choose a subject combination carefully that best suits their needs and aspirations.

Important:

2. JCs may not offer all subjects examinable in the GCE A-Levels

*E.g. only 9 JCs offer Computing; 4 JCs offer China Studies in English;
3 JCs offer Theatre Studies.*

Subject Combinations:

JCs provide many subject combinations to cater to students' personal interests, abilities and future career choices. Students are advised to choose a subject combination carefully that best suits their needs and aspirations.

Important:

3. JCs may place additional requirements for certain subjects. These requirements may also differ between JCs.

E.g. ACJC has a selection test for H2 Computing; JPJC does not.

E.g. JCs have different practices for students who have taken Combined Science at O-Levels and whether they can take double sciences at H2 level.

Teaching & Learning in JC

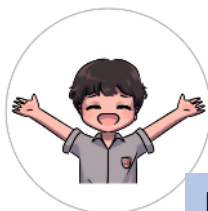
JCs adopt a lecture-tutorial system, similar to universities.

Lectures can be conducted in-person i.e. in a lecture theatre with about 100-500 students, or via online as self-directed learning.

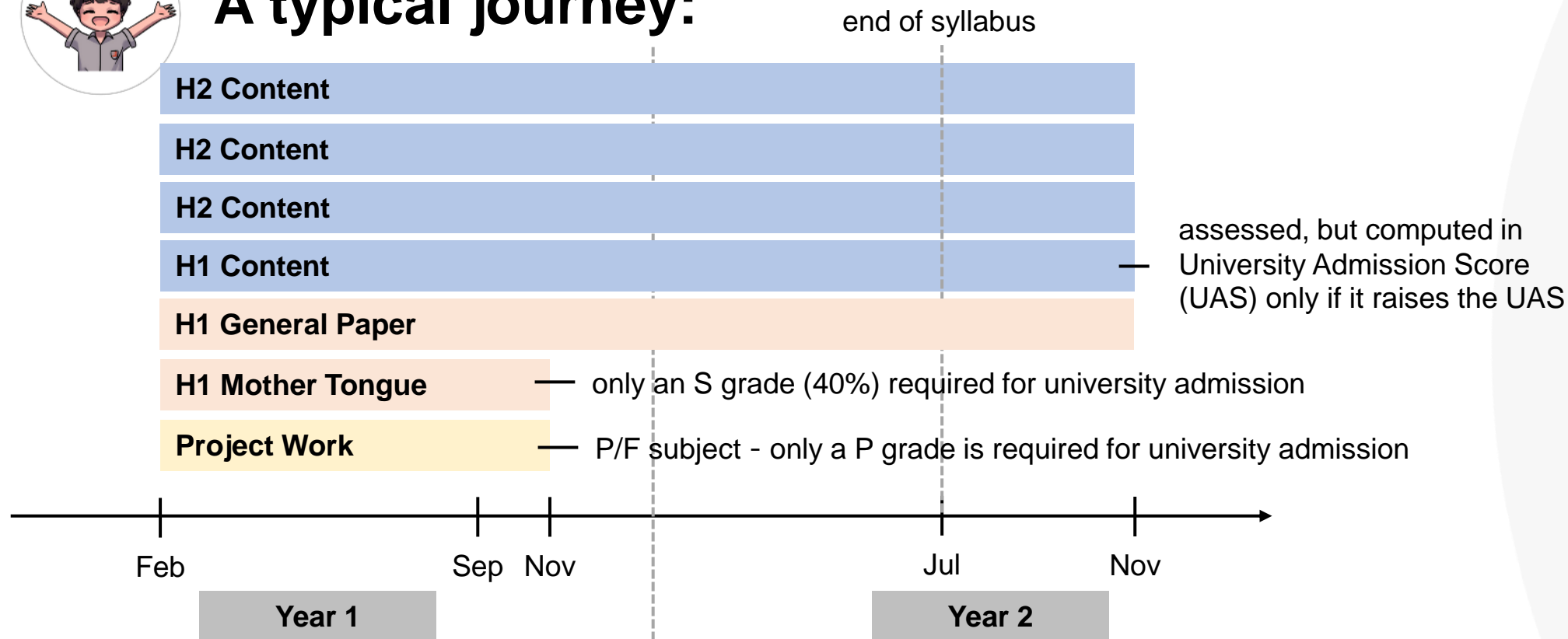
Teaching of content is done in lectures. Due to the large group size, students may not have the opportunity to ask questions.

Tutorials are conducted in a smaller class size (~25 students). The aim of tutorials is for the tutor to clarify students' doubts and to go through past A level questions as practice.

Tutorials are generally slower in pace than lectures. Lectures can sometimes be 1-2 chapters ahead of tutorials.



A typical journey:



Note: CCA is not compulsory in many JCs, but important for holistic development and peer support

What about Millenia Institute?

Similarities:

- Students take the same suite of subjects as JCs i.e. 3H2 + 1H1 + General Paper + Project Work + MTL

Differences:

- Offers **3 streams** instead of 2 (Science, Arts, & Commerce)
- 3-year programme, with National Examinations at Year 2 and 3

Is JAE the only route for admission to a Junior College?



Post-Secondary Pathways

Information regarding GCE A Levels

Direct School Admission (JC)

Allows students to apply to a DSA school **before** taking the GCE O-Level examinations.

The application is based on his/her talent in sports, CCAs and specific academic areas that may not be demonstrated at the O-Level examinations.

Examples from ACJC

- Drama Elective Programme (DEP) (Girls and Boys)
- English Debating (Girls and Boys)
- Humanities Programme (Girls and Boys)
- Choir (Girls and Boys)
- Concert Band (Girls and Boys)
- Modern Dance (Girls and Boys)
- Music Elective Programme (MEP) (Girls and Boys)
- String Ensemble (Girls and Boys)

Post-Secondary Pathways

Information regarding GCE A Levels

Direct School Admission (JC)

Allows students to apply to a DSA school **before** taking the GCE O-Level examinations.

The application is based on his/her talent in sports, CCAs and specific academic areas that may not be demonstrated at the O-Level examinations.

Important Timeline

6 May

Application begins.
Apply directly to the schools.

24 Jun to 7 Aug

Phase 1 outcome

15 to 17 Aug

Accept Phase 1 offer

Other dates

Refer to MOE DSA(JC) website

Post-Secondary Pathways

Information regarding GCE A Levels

Why choose JC?

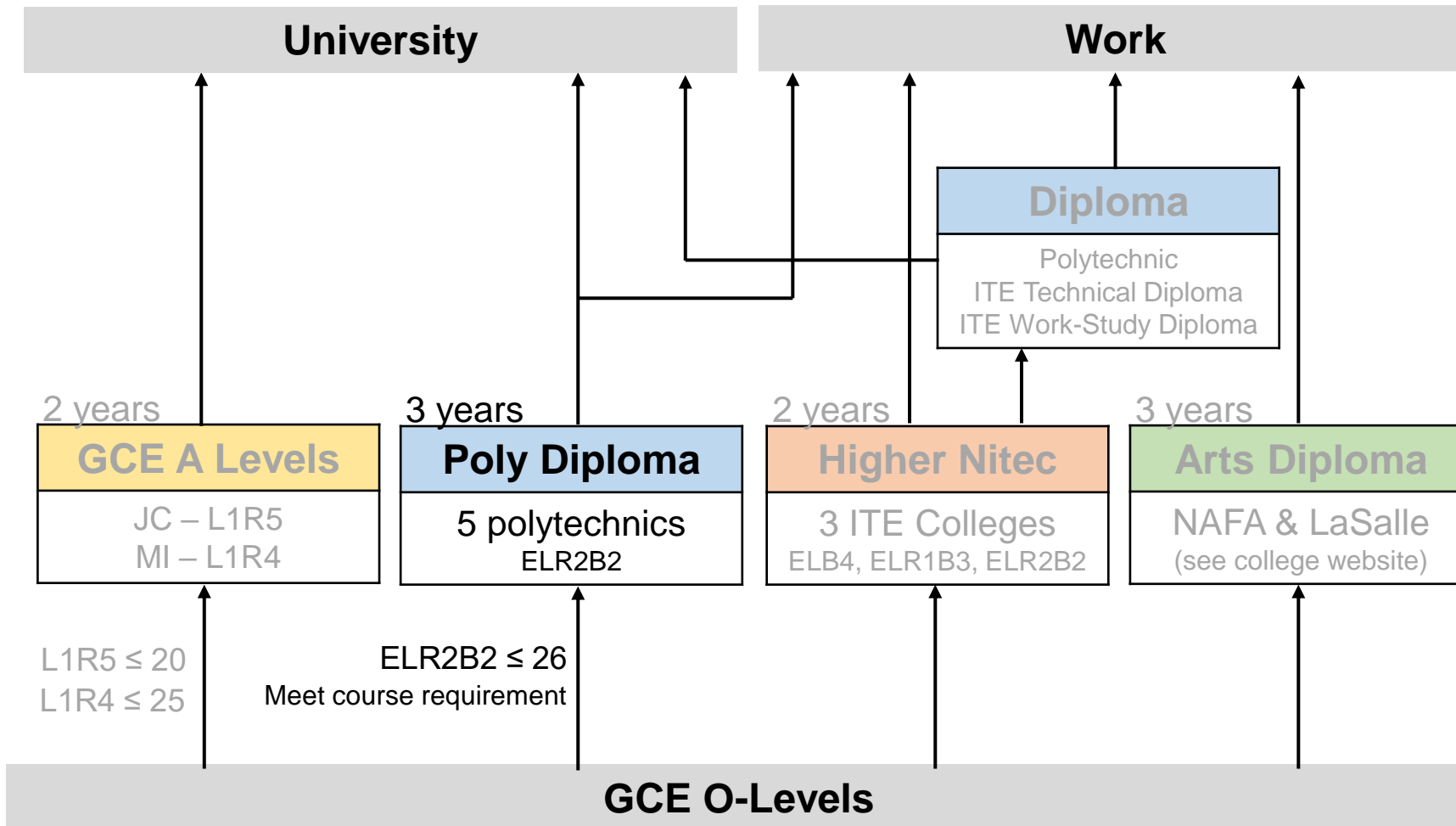
- Fastest academic route to a university.
- Greater flexibility in university course selection.
- Stronger academic foundation as the JC curriculum is very rigorous, and develops critical thinking, writing and analytical skills.
- Competitive learning environment.
- Provides a well-rounded education experience beyond academics.



Recognise your learning style, motivations, and readiness to learn, unlearn, and relearn in a fast-paced and competitive learning environment.

The A-Levels is a preparatory course for university, and not for employment.

Post-Secondary Pathways



Post-Secondary Pathways

Information regarding Polytechnics

Minimum Entry Requirement:

- **Net** ELR2B2 \leq 26, **and**
- must meet the requirements of the course one is applying for

Each polytechnic course uses one of these aggregate score types to assess course eligibility:

Types	Communications & Media Management	Aerospace Electronics
ELR2B2-A	Course code: T40 Admission Type: JAE, JPAE, Poly EAE, PFP, DAE Temasek Polytechnic 2024 JAE ELR2B2-A aggregate : 5 - 12	Course code: S90 Admission Type: JAE, DAE, JPAE, Poly EAE, PFP Singapore Polytechnic 2024 JAE ELR2B2-C aggregate : 5 - 12
ELR2B2-B	Accountancy & Finance Course code: C98 Admission Type: JAE, DAE, JPAE, Poly EAE, PFP Nanyang Polytechnic 2024 JAE ELR2B2-B aggregate : 6 - 12	Common Design Programme Course code: T71 Admission Type: JAE, JPAE, Poly EAE, PFP, DAE Temasek Polytechnic 2024 JAE ELR2B2-D aggregate : 6 - 14
ELR2B2-C		
ELR2B2-D		

Bonus points:

Applicants can get a maximum of 2 bonus points from their CCA grade.

CCA Grade	
Excellent A1 or A2	Good B3 to C6
2 bonus points	1 bonus point

Academic Load

A typical academic structure of a polytechnic student looks like this:

Year	Focus / Approach
One	Foundation modules in core subjects, general education modules
Two	Advanced modules, more coursework, projects
Three	Industry attachments (internships), final-year projects (FYP), electives

students typically take
5-7 modules per
semester

As polytechnics prepare students for work, the learning approach is more hands-on. Content is taught and assessed in a modular fashion, and lessons can take many forms e.g. seminar, online, lectures, tutorials.

The mode of assessment also varies.

Niche Areas of Polytechnics

While all polytechnics offer diploma programmes leading to employment (and university), each has its own niche areas.

Polytechnic	Niche Areas
NYP	IT, Engineering, Business, Design, Nursing, Life Sciences
RP	Problem-Based Learning (PBL), Sports Science, IT, Engineering
SP	Engineering, Maritime, Business, Media
TP	Hospitality, Media & Design, Applied Sciences, Psychology
NP	Business, IT, Mass Communication, Life Sciences, Social Sciences



Can I pursue a university degree after polytechnic?

Pursuing a Degree after Diploma

Unlike JC students who have more flexibility, polytechnic students are usually limited to courses related to their diploma.

Competition is keener for courses in NUS and NTU. Additional requirements may also apply.

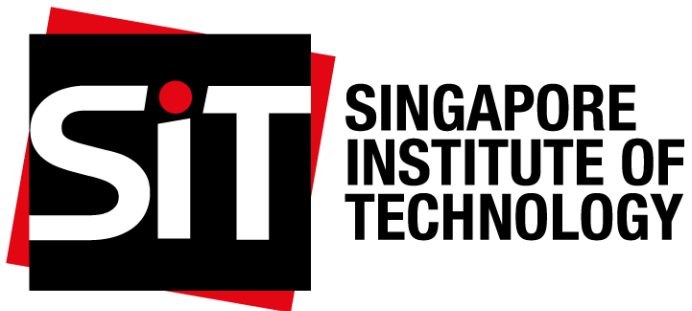
Single Degree Programme	Acceptable Diplomas from Ngee Ann Polytechnic	Selection test / Interview
Common Computer Science Programmes	Acceptable diplomas consist of the following: <ul style="list-style-type: none"> • All full-time diplomas • Technology (part-time) And - Meet Mathematics requirements 	No
Data Science and Economics ⁴	All full-time diplomas <u>and</u> present one of the following Diploma- Plus (or related) certifications in Mathematics: <ul style="list-style-type: none"> - Diploma Plus Programme (Certificate in Advanced Computing Mathematics) - Diploma Plus Programme (Certificate in Advanced Engineering Mathematics) 	No

GPA: 3.80 to 3.98
(for AY2024/2025)

GPA: No information
(for AY2024/2025)

Pursuing a Degree after Diploma

However, SIT and SUSS are universities that cater more towards polytechnic graduates due to its industry-focused degree programmes.





Is JAE the only route for admission to a Polytechnic?

Polytechnic Early Admissions Exercise (EAE)

An aptitude-based admissions exercise that allows students to apply for and receive conditional offers for admission to polytechnics prior to receiving their O-Level examination results.

- Each polytechnic has its own selection criteria. Students must demonstrate interest and aptitude for the course they are applying to.
- Selection process will require portfolio submissions, interviews, and aptitude tests.

Polytechnic Early Admissions Exercise (EAE)

An aptitude-based admissions exercise that allows students to apply for and receive conditional offers for admission to polytechnics prior to receiving their O-Level examination results.

- Students must still meet the polytechnic admission criteria (net ELR2B2 \leq 26) **AND** minimum entry requirement of the course you are offered, upon the O-Level results release.

Why choose Polytechnics?

- More hands-on learning as the courses are industry-focused.
- Best for students who would like a direct path to a job in IT, Business, Media, Healthcare, Engineering.
- Broader range of specialised courses, compared to JC route.
- Best for students who prefer continuous assessment over one major exam.
- Internships and real-work experience.



Recognise your learning style, motivations, and what you would like to do after graduating from polytechnic.

Choosing the polytechnic route means committing to a particular industry. **But are you aware of which industries align with your personality, values, interests, and skills?**

Comparison between JC and Polytechnics

Junior College / Centralised Institutes	Polytechnics
2 years (JC) / 3 years (MI)	3 years
Entry by L1R5 / L1R4	Entry by ELR2B2
Prepares students for GCE 'A' level examinations or the International Baccalaureate (IB) diploma	Hands-on practice-based learning with work attachments as part of curriculum
\$33 monthly (for SC)	\$3100 annually (for SC)

Bursaries, polytechnic aid, and loans are available








Are there cases where students have switched from JC to polytechnic and vice versa midway?

JURONG SECONDARY SCHOOL

What should I do now?

Reflect on the following:

1. Do you know what career or industry you want to enter? How much research have you done?  What career or industry have you not explored? Why not?
2. Is going to a local university a priority?  Why is this a priority? University is not the end point of learning!
3. Would you prefer to start working earlier, or do you want a longer academic journey?  Are there circumstances that require you to start working earlier?
4. Do you prefer studying theories and concepts, or do you learn better through hands-on projects and real-world applications?  What substantial evidence can you provide to prove either points?
5. Are you disciplined enough to self-study and prepare for major exams?  How disciplined are you now?

Post-Secondary Pathways

What I should do now

Preparation:

Academic Preparation

Regardless of your choice, having good academic grades allows you to have more options. Admission to JCs or polytechnics is still a merit-based system.

- Consistent review and revision
- Seek help when needed
- Readiness for and receptiveness to feedback
- Develop good self-regulation habits
- Develop good attendance and punctuality habits

Non-Academic Preparation

- Consider leadership opportunities within your CCA.
- Build and maintain your e-portfolio.
- Continue to research on courses, industries etc, and determine how it aligns with your values, skills, personality and interests.
- Participate actively in ECG-related activities!

Parents can help to:

1. Explore your child's interests and develop his/her strengths.
2. Support him/her to research on the courses he/she is interested in and the related courses in the sector.
3. Prepare early if considering for DSA or EAE.

Reserve judgement - do not be too quick to say no to a particular course. Listen to your child and explore options together.

Keep up to date on the application deadlines.

Post-Secondary Pathways

What I should do now



Mr Chan Chun Sing
Minister for Education

As parents, we all want what is best for our children...

*Within our own families, we can all spend a bit more time **listening to our children's thoughts and feelings.***

*Let us **walk alongside them** as they grow and handle their new challenges.*

Want to speak to the ECG Counsellor?



In JSS every Mon
and Wed

Make an appointment by:

1) clicking on this weblink
(<https://go.gov.sg/jss-ecg>)

2) scanning this QR code

3) emailing to:

ivy_nyam_lee_chin@schools.gov.sg



<https://go.gov.sg/jss-ecg>

Post-Secondary Pathways



Scan for the
MOE
CourseFinder
website!

<https://for.edu.sg/coursefindermoe>



Scan for
some ECG
tips for
parents!

<https://for.edu.sg/ecgtipsforparents>



Scan for the
MySkillsFuture
website!

<https://for.edu.sg/mysfsec>



Scan for
MOE's
website to
explore post-
sec pathways!

<https://for.edu.sg/postsecpathways>

**Your feedback is
valuable to us.**

**Thank you, and we
look forward to
continual home-
school partnership!**



<https://go.gov.sg/jssusmtpsurvey25>



Thank You

Mr Nur Izhar
HOD Character and Citizenship Education (Covering)