



The Singapore- Cambridge A-Level Curriculum

Students in Year 5-6 will offer the Singapore-Cambridge A-Level curriculum. A summary of the requirements of the curriculum is given below. For more information on the A level curriculum, please refer to [A-Level curriculum and subject syllabuses | MOE](#)

1. Knowledge Skills subjects

Project Work (PW) and H1 General Paper (GP) are compulsory.

2. Mother Tongue Language (MTL)

Mother Tongue (H1) is compulsory. However, students who have obtained a grade of D7 or better at the O-Level Higher Mother Tongue Examination are deemed to have fulfilled the Mother Tongue requirement for admission to the autonomous universities in Singapore and do not need to offer the subject at Year 5-6.

3. Content-based subjects

Students must offer 4 content-based subjects where at least one should be a contrasting subject. That is, they must offer at least one subject from each of the two groups: Mathematics & Sciences, Humanities & the Arts. The contrasting subject can be at H1 or H2 level.

Knowledge and Inquiry (KI) serves as a contrasting subject for both Mathematics & Sciences and Humanities & the Arts.

4. Total number of units

Students are minimally required to read 4 content-based subjects (three H2 and one H1 or four H2), General Paper, Mother Tongue and Project Work. Students who have obtained a grade of D7 or better at the O-Level Higher Mother Tongue are deemed to have completed the Mother Tongue subject requirement. However, students are not allowed to replace the Mother Tongue with another subject, even if they are not offering H1 Mother Tongue at Year 5-6.

Students under the Raffles Programme (RP) moving on to Year 5 will be allowed to offer four H2 content-based subjects if they have obtained at least a C grade in all subjects and at least 2As and 2Bs in the following subjects:

Stream	Subjects
Arts	Math 1 Math 2 English Language; and One Humanities subject
Science (2 Science subjects)	Math 1 Math 2; and Two corresponding Science subjects
Science (1 Science subject)	Math 1 Math 2 One corresponding Science subject; and One other corresponding subject

Students under the O-Level (JAE & DSA) posted to RI Year 5 will be allowed to offer four H2 content-based subjects if they have obtained an L1R5 of 10 or lower at the O-Level Examinations.

RP and O-Level students who do not meet this criterion will offer three H2 and one H1 content-based subjects at Year 5.

5. *H3 Subjects*

H3 subjects are only offered at Year 6. H3 subjects are designed for highly able students and must be offered together with the stipulated pre-requisite subject(s) at H2. Students will be informed of the H3 application process at the end of Year 5, after the Promotion Examination.

6. *Selection Tests*

Students intending to offer English Language and Linguistics, Further Mathematics, Knowledge and Inquiry, Computing, Music or Art will have to sit for and pass the selection tests before being allowed to offer the subject. Music and Art applicants would also need to clear an audition and a portfolio respectively. The school may conduct selection tests for other subjects in the event the number of applicants exceeds the school's capacity.

7. *Foreign Language*

Lessons for H1 and H2 French, German and Japanese will be conducted at the Ministry of Education Language Centre (MOELC) Bishan Campus. Lessons for H2 Spanish will be conducted at the MOELC Newton Campus. There are no provisions for H1 Spanish. Students will have to register with MOELC on their own.

8. *Further Mathematics*

H2 Further Mathematics must be offered together with H2 Mathematics.

Subjects offered in RI

Group	Subject	H1 1 unit	H2 2 units	H3 1 unit
CONTENT-BASED SUBJECTS				
Mathematics & Sciences	Biology	✓*	✓	✓
	Chemistry	✓*	✓	✓
	Physics	✓*	✓	✓
	Mathematics	✓	✓	✓
	Further Mathematics	N.A.	✓	N.A.
	Computing	N.A.	✓	N.A.
Humanities & the Arts	Economics	✓	✓	✓
	Geography		✓	✓
	History		✓	✓
	Literature in English	✓*	✓	✓
	English Language & Linguistics	N.A.	✓	N.A.
	Art	✓*	✓	
	Music	N.A.	✓	✓
	Chinese Language and Literature	N.A.	✓	✓
	Malay Language and Literature	N.A.	✓	✓
	Tamil Language and Literature	N.A.	✓	✓
	Japanese / French / German / Spanish	N.A.	✓**	N.A.

Group	Subject	H1 1 unit	H2 2 units	H3 1 unit
OTHER SUBJECTS				
Languages	Mother Tongue: Chinese / Malay / Tamil / NTIL	✓	N.A.	N.A.
	Japanese / French / German / Spanish	✓**	N.A.	N.A.
Knowledge Skills	General Paper (compulsory)	✓	N.A.	N.A.
	Knowledge & Inquiry	N.A.	✓	N.A.
	Project Work (compulsory)	N.A.	N.A.	N.A.

** H1 classes will only start if there is sufficient demand for the subject.*

*** Lessons are conducted at MOELC. Students are to register with MOELC on their own*

The detailed syllabus for each subject can be found on the SEAB website SEAB - [A-Level Syllabuses Examined for School Candidates 2027](#)

Subject Pre-Requisites

To ensure that students have the necessary prior knowledge and skills to cope with the demands of the subjects, students must satisfy the following pre-requisites to offer the respective subjects:

Subject	RP students	O level students
H2 Knowledge & Inquiry	Pass selection test	
H2 Computing	Pass selection test	
H2 Mathematics	Knowledge of Y4 Math1 and Math2 assumed.	Knowledge of O level Elementary & Additional Math
H2 Further Mathematics	Must offer H2 Math and pass selection test	
H2 Biology	Knowledge of Y4 Biology	Knowledge of O level Biology
H2 Chemistry	Knowledge of Y4 Chemistry	Knowledge of O level Chemistry
H2 Physics	Knowledge of Y4 Physics	Knowledge of O level Physics
H2 English Language & Linguistics	Pass selection test	
H2 Music	Pass selection test and audition	
H2 Art	Pass selection test and portfolio submission	

Standard Subject Combinations at Year 5-6 (correct as of 23 Feb 2026 and may be subjected to change)

(a) 11-unit subject combinations

Only for students who have met the criteria to offer 4H2s stated above (para 4).

(i) 4H2 Science Combinations

Group	KS	H2 Subj 1	H2 Subj 2	H2 Subj 3	H2 Subj 4
FMP	H1GP PW	Further Mathematics	Mathematics	Physics	Economics
PMCp		Physics	Mathematics	Computing	Economics
CMCp		Chemistry	Mathematics	Computing	Economics
BCM		Biology	Chemistry	Mathematics	Economics Geography History Literature in English Art Music English Lang & Linguistics Chinese / Malay / Tamil Lang & Literature French / Japanese / German / Spanish Knowledge and Inquiry
PCM		Physics	Chemistry	Mathematics	Geography History Literature in English Art Music English Lang & Linguistics Chinese / Malay / Tamil Lang & Literature French / Japanese / German / Spanish
PME		Physics	Mathematics	Economics	Geography History Literature in English Art Music English Lang & Linguistics Chinese / Malay / Tamil Lang & Literature French / Japanese / German / Spanish
CME	Chemistry	Mathematics	Economics	Geography History Literature in English Art Music English Lang & Linguistics Chinese / Malay / Tamil Lang & Literature French / Japanese / German / Spanish	

(ii) 4H2 Arts Combinations

Group	KS	H2 Subj 1	H2 Subj 2	H2 Subj 3	H2 Subj 4
HLEM	H1GP PW	History	Literature in English	Economics	Mathematics
GLEM		Geography	Literature in English	Economics	Mathematics
HLM		History	Literature in English	Mathematics	Art Music English Lang & Linguistics Chinese / Malay / Tamil Lang & Literature French / Japanese / German / Spanish
GLM		Geography	Literature in English	Mathematics	
HEM		History	Economics	Mathematics	
GEM		Geography	Economics	Mathematics	
KLM		Knowledge and Inquiry	Literature in English	Mathematics	Geography History Economics

(b) 10-unit subject combinations

(i) 3H2 Science Combinations

Group	KS	H2 Subj 1	H2 Subj 2	H2 Subj 3	H1 Subject
BCM	H1GP PW	Biology	Chemistry	Mathematics	Economics Literature
		Biology	Chemistry	Economics	Mathematics
		Biology	Mathematics	Economics	Chemistry
		Chemistry	Mathematics	Economics	Biology
PCM		Physics	Chemistry	Mathematics	Economics Literature
		Physics	Economics	Mathematics	Chemistry
CME		Chemistry	Mathematics	Economics	Literature
		Chemistry	Mathematics	History	Economics
		Chemistry	Mathematics	Geography	Economics
		Chemistry	Mathematics	Literature	Economics

(ii) 3H2 Arts Combinations

Group	KS	H2 Subj 1	H2 Subj 2	H2 Subj 3	H1 Subject
GLEm	H1GP PW	Geography	Literature in English	Economics	Mathematics
HLEm		History	Literature in English	Economics	Mathematics

Besides the standard subject combinations, students can propose their preferred subject combinations which comply with the requirements of the A-level. While the Institution will consider all student requests for subject combinations, **students are to note that all requests are subject to approval.**

***JAE Students will only be allowed to offer a Subject Combination in the Stream (i.e. Arts or Science) that they are posted to.**