



## 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.

### 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<br>Math 2<br>English Language; and<br>One Humanities subject                              |
| Science<br>(2 Science subjects) | Math 1<br>Math 2; and<br>Two corresponding Science subjects                                      |
| Science<br>(1 Science subject)  | Math 1<br>Math 2<br>One corresponding Science subject;<br>and<br>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 in 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<br>1 unit | H2<br>2 units | H3<br>1 unit |
|-------------------------------|--------------------------------------|--------------|---------------|--------------|
| <b>CONTENT-BASED SUBJECTS</b> |                                      |              |               |              |
| 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.         |
|                               | Knowledge & Inquiry                  | 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<br>1 unit | H2<br>2 units | H3<br>1 unit |
|-----------------------|-----------------------------------------------|--------------|---------------|--------------|
| <b>OTHER SUBJECTS</b> |                                               |              |               |              |
| 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.         |
|                       | 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 <u>and</u> Math2 assumed. | Knowledge of O level Elementary <u>and</u> 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 17 Apr 2026 and may be subject 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                                                                                                                                                                                                              |
|-------------|------------|---------------------|-------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>FMP</b>  | H1GP<br>PW | Further Mathematics | Mathematics | Physics     | Economics                                                                                                                                                                                                              |
| <b>PMCp</b> |            | Physics             | Mathematics | Computing   | Economics                                                                                                                                                                                                              |
| <b>CMCp</b> |            | Chemistry           | Mathematics | Computing   | Economics                                                                                                                                                                                                              |
| <b>BCM</b>  |            | Biology             | Chemistry   | Mathematics | Economics<br>Geography<br>History<br>Literature in English<br>Art<br>Music<br>English Lang & Linguistics<br>Chinese / Malay / Tamil Lang & Literature<br>French / Japanese / German / Spanish<br>Knowledge and Inquiry |
| <b>PCM</b>  |            | Physics             | Chemistry   | Mathematics | Geography<br>History<br>Literature in English<br>Art<br>Music<br>English Lang & Linguistics<br>Chinese / Malay / Tamil Lang & Literature<br>French / Japanese / German / Spanish                                       |
| <b>PME</b>  |            | Physics             | Mathematics | Economics   |                                                                                                                                                                                                                        |
| <b>CME</b>  |            | Chemistry           | Mathematics | Economics   | French / Japanese / German / Spanish                                                                                                                                                                                   |

(ii) 4H2 Arts Combinations

| Group | KS         | H2 Subj 1             | H2 Subj 2             | H2 Subj 3   | H2 Subj 4                                                                                                                       |
|-------|------------|-----------------------|-----------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------|
| HLEM  | H1GP<br>PW | History               | Literature in English | Economics   | Mathematics                                                                                                                     |
| GLEM  |            | Geography             | Literature in English | Economics   | Mathematics                                                                                                                     |
| HLM   |            | History               | Literature in English | Mathematics | Art<br>Music<br>English Lang & Linguistics<br>Chinese / Malay / Tamil Lang & Literature<br>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<br>History<br>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<br>PW | Biology   | Chemistry   | Mathematics | Economics<br>Literature |
|       |            | Biology   | Chemistry   | Economics   | Mathematics             |
|       |            | Biology   | Mathematics | Economics   | Chemistry               |
|       |            | Chemistry | Mathematics | Economics   | Biology                 |
| PCM   |            | Physics   | Chemistry   | Mathematics | Economics<br>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<br>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.**