**INTRODUCTION TO THE SINGAPORE-CAMBRIDGE GCE 'A' LEVEL CURRICULUM**

All JC1 and 2 students in River Valley High School will offer the Singapore-Cambridge GCE 'A' Level Curriculum.

'A' Level subjects can be offered at Higher 1 (H1), Higher 2 (H2) or Higher 3 (H3) level.

Students are required to offer a minimum combination of 3 H2 and 1 H1 content-based subjects in addition to General Paper, Mother Tongue Language and Project Work. One of the content-based subjects must be a contrasting subject.

- A contrasting subject is a content-based subject taken outside a student's main area of specialisation. For example, a Science-course student offers a contrasting subject in Humanities or the Arts. An Arts-course student offers Mathematics as a contrasting subject.
- The contrasting subject can be read at either H1 or H2 level.

The table below gives more information on the range of subjects a JC1 student must read at RVHS:

|  |  |
|--|--|
| <p>All JC 1 students must offer the following compulsory H1 non-content-based subjects:</p> <ul style="list-style-type: none"> <li>○ Project Work</li> <li>○ General Paper</li> <li>○ Mother Tongue Language (except for students who obtain at least a <b>D7</b> for Higher Mother Tongue Language at the 'O' level)</li> </ul> | <p>And <b>either</b>:</p> <ul style="list-style-type: none"> <li>○ 3H2 content-based subjects and 1 H1 content-based subject (with at least one being a contrasting subject)</li> </ul> <p><b>or</b></p> <ul style="list-style-type: none"> <li>○ 4 H2 content-based subjects (with at least one being a contrasting subject)</li> </ul> |
|--|--|

**The norm for most JC students is to offer 3 H2 content-based subjects and one H1 content-based subject.**

For students who have the disposition and passion to extend their learning further, they may consider 4H2 subject combinations. Students must be prepared to handle the increased academic workload in addition to the demands of the JC programme throughout their two-year course.

H3 subjects are designed for outstanding students and are offered at JC2.

- Students intending to offer H3 subjects must achieve good academic results at the end of JC1 and will be informed of the application process and eligibility criteria.

**JC SUBJECTS OFFERED IN RVHS IN 2025**

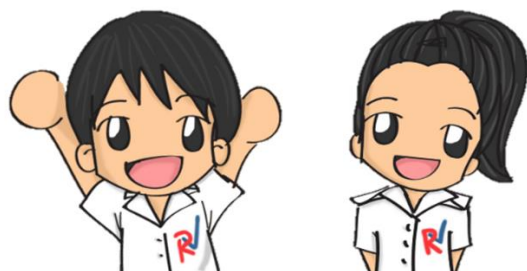
| Subjects                                 | H2 | H1 | Subjects                              | H2 | H1 |
|--|----|----|---------------------------------------|----|----|
| <b>Humanities &amp; the Arts</b>         |    |    | <b>Mathematics &amp; the Sciences</b> |    |    |
| <b>CC:</b> China Studies in Chinese      | √  |    | <b>BI:</b> Biology                    | √  |    |
| <b>CL:</b> Chinese Language & Literature | √  |    | <b>CP:</b> Computing                  | √  |    |
| <b>EN:</b> Literature in English         | √  | √  | <b>CM:</b> Chemistry                  | √  | √  |
| <b>EC:</b> Economics                     | √  | √  | <b>FM:</b> Further Mathematics        | √  |    |

|                        |   |  |                        |   |   |
|------------------------|---|--|------------------------|---|---|
| <b>GE:</b> Geography   | √ |  | <b>PH:</b> Physics     | √ |   |
| <b>HI:</b> History     | √ |  | <b>MA:</b> Mathematics | √ | √ |
| <b>TS:</b> Translation | √ |  |                        |   |   |

**LIST OF SUBJECT COMBINATIONS: SCIENCE** (Contrasting subject(s) is/are in **bold**)

| Code | 4 H2 Subject Combinations |    |    |    |
|------|---------------------------|----|----|----|
| 4002 | MA                        | BI | CM | CC |
| 4021 |                           |    |    | EC |
| 4022 |                           |    |    | EN |
| 4024 |                           |    |    | GE |
| 4025 |                           |    |    | HI |
| 4027 |                           |    |    | TS |
|      |                           |    |    |    |
| 4071 | MA                        | PH | CM | CC |
| 4148 |                           |    |    | EC |
| 4153 |                           |    |    | EN |
| 4160 |                           |    |    | GE |
| 4162 |                           |    |    | HI |
|      |                           |    |    |    |
| 4066 | MA                        | CM | EC | CC |
| 4137 |                           |    | EC | CP |
| 4146 |                           |    | EC | GE |
| 4147 |                           |    | EC | HI |
| 4070 |                           |    | HI | CC |
|      |                           |    |    |    |
| 4181 | MA                        | PH | CP | GE |
| 4084 |                           |    | EC | CC |
| 4169 |                           |    | EC | CP |
| 4193 |                           |    | EC | FM |
| 4196 |                           |    | EC | GE |
|      |                           |    |    |    |

| Code | 3 H2 Subject Combinations |        |    |        |        |        |        |
|------|---------------------------|--------|----|--------|--------|--------|--------|
| 3509 | MA                        | CM     | BI | EC(H1) |        |        |        |
| 3510 |                           |        |    | EN(H1) |        |        |        |
|      |                           |        |    |        |        |        |        |
| 3645 | MA                        | CM     | PH | EC(H1) |        |        |        |
| 3646 |                           |        |    | EN(H1) |        |        |        |
|      |                           |        |    |        |        |        |        |
| 3549 | MA                        | CM     | CC | EC(H1) |        |        |        |
| 3585 |                           |        | CL |        |        |        |        |
| 3621 |                           |        | CP |        |        |        |        |
| 3629 |                           |        | EN |        |        |        |        |
| 3633 |                           |        | FM |        |        |        |        |
| 3637 |                           |        | GE |        |        |        |        |
| 3641 |                           |        | HI |        |        |        |        |
| 3649 |                           |        | TS |        |        |        |        |
| 3626 |                           |        | EC |        | EN(H1) |        |        |
|      |                           |        |    |        |        |        |        |
| 3577 |                           |        | MA |        | PH     | CC     | EC(H1) |
| 3613 | CL                        |        |    |        |        |        |        |
| 3673 | CP                        |        |    |        |        |        |        |
| 3717 | EN                        |        |    |        |        |        |        |
| 3733 | FM                        |        |    |        |        |        |        |
| 3745 | GE                        |        |    |        |        |        |        |
| 3753 | HI                        |        |    |        |        |        |        |
| 3761 | TS                        |        |    |        |        |        |        |
| 3698 | EC                        | EN(H1) |    |        |        |        |        |
|      |                           |        |    |        |        |        |        |
| 3612 | MA                        | PH     |    | CL     |        | CM(H1) |        |
| 3716 |                           |        | EN |        |        |        |        |
| 3696 |                           |        | EC |        |        |        |        |
|      |                           |        |    |        |        |        |        |
| 3022 | BI                        | CM     | EN | MA(H1) |        |        |        |
| 3024 |                           |        | GE |        |        |        |        |
| 3025 |                           |        | HI |        |        |        |        |



\*All subjects listed are offered at H2 level unless otherwise stated  
 \*There are **49** courses offered to Science students at RVHS

**LIST OF SUBJECT COMBINATIONS: ARTS** (Contrasting subject(s) is/are in **bold**)

| Code | 4 H2 Subject Combinations |           |    |    |
|------|---------------------------|-----------|----|----|
| 4082 | <b>MA</b>                 | EC        | GE | CC |
| 4085 |                           | EC        | TS | CC |
| 4121 |                           | EC        | TS | CL |
| 4187 |                           | EC        | EN | GE |
| 4188 |                           | EC        | EN | HI |
| 4199 |                           | EC        | TS | HI |
|      |                           |           |    |    |
| 4066 | <b>MA</b>                 | <b>CM</b> | EC | CC |
| 4146 |                           |           | EC | GE |
| 4147 |                           |           | EC | HI |
| 4070 |                           |           | HI | CC |
|      |                           |           |    |    |
| 4084 | <b>MA</b>                 | <b>PH</b> | EC | CC |
| 4196 |                           |           | EC | GE |

| Code | 3 H2 Subject Combinations |    |    |               |
|------|---------------------------|----|----|---------------|
| 3058 | CC                        | CL | EC | <b>MA(H1)</b> |
| 3085 | CC                        | EC | TS |               |
| 3097 | CC                        | GE | TS |               |
| 3099 | CC                        | HI | TS |               |
| 3121 | CL                        | EC | TS |               |
| 3187 | EC                        | EN | GE |               |
| 3188 | EC                        | EN | HI |               |
| 3197 | EC                        | GE | TS |               |
| 3199 | EC                        | HI | TS |               |
|      |                           |    |    |               |
| 3709 | <b>MA</b>                 | EN | GE | EC(H1)        |
| 3713 |                           | EN | HI |               |
|      |                           |    |    |               |
| 3680 | <b>MA</b>                 | EC | EN | <b>CM(H1)</b> |
| 3688 |                           | EC | GE |               |
| 3616 |                           | TS | CL |               |
| 3700 |                           | TS | EC |               |

\*All subjects listed are offered at H2 level unless otherwise stated  
 \*There are **27** courses offered to Arts students at RVHS

**Note:**

All students may propose their preferred subject combination (as an out-of-list combination) if it is not featured in the list of subject combinations in both the Science and Arts courses, **subject to approval**.



The detailed syllabus for each subject can be found on the SEAB website at:  
<https://www.seab.gov.sg/home/examinations/gce-a-level>

