

**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 is required to offer a contrasting subject in Humanities or the Arts. An Arts-course student is required to offer 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"> ○ Project Work ○ General Paper ○ Mother Tongue Language (except for students who have obtained at least a D7 for Higher Mother Tongue Language at the 'O' level) 	<p>And either:</p> <ul style="list-style-type: none"> ○ 3H2 content-based subjects and 1 H1 content-based subject (with at least one being a contrasting subject) <p>or</p> <ul style="list-style-type: none"> ○ 4 H2 content-based subjects (with at least one being a contrasting subject)
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The 4 H2 content-based subjects curriculum is suitable for students who have the disposition and passion to extend their learning further. Students must be prepared to handle the increased academic workload in addition to the demands of the JC programme throughout their two-year course.

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

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

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

SUBJECTS OFFERED IN RVHS IN 2023

Subjects	H2	H1	Indicative Cut-off Grades
Humanities & the Arts			
CC: China Studies in Chinese	√		Recommended to obtain at least B3 for 'O' Level HCL or A2 for 'O' Level CL
CL: Chinese Language & Literature	√		Recommended to obtain at least B3 for 'O' Level HCL or A2 for 'O' Level CL
EN: Literature in English	√	√	-
EC: Economics	√	√	-

GE: Geography	√		-
HI: History	√		-
TS: Translation	√		Subject Prerequisites by MOE: <ul style="list-style-type: none"> • At least A2 for 'O' Level EL AND A2 for 'O' Level CL (or B3 for 'O' Level HCL) • Students who do not meet the subject prerequisites MUST sit for a qualifying test
Mathematics & Sciences			
BI: Biology	√		Recommended to obtain at least B3 for Pure Biology OR A1 for Combined Science (Biology) AND MUST offer H2 Chemistry concurrently
CP: Computing	√		Recommended to obtain at least A2 for 'O' Level Computing AND MUST offer H2 Mathematics concurrently <ul style="list-style-type: none"> • All students interested in offering H2 Computing MUST sit for a qualifying test if they do not offer 'O' Level Computing or meet the indicative cut-off grade
CM: Chemistry	√	√	For H2 CM: Recommended to obtain at least B3 for Pure Chemistry OR A1 for Combined Science (Chemistry) For H1 CM: Recommended to obtain at least C6 for Pure Chemistry OR Combined Science (Chemistry)
FM: Further Mathematics	√		Recommended to obtain A1 for both 'O' Level Mathematics and Additional Mathematics AND MUST offer H2 Mathematics concurrently
PH: Physics	√		Recommended to obtain at least B3 for Pure Physics OR A1 for Combined Science (Physics)
MA: Mathematics	√	√	For H2 MA: Recommended to obtain at least B3 for both 'O' Level Mathematics and Additional Mathematics For H1 MA: NIL

Note:

Students who wish to read any subject but do not meet the indicative cut-off grade as shown above may still appeal for the subject, **subject to approval**.



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	
3577	MA	PH	CC	EC(H1)
3613			CL	
3673			CP	
3717			EN	
3733			FM	
3745			GE	
3753			HI	
3761			TS	
3698			EC	
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	MA	EC	GE	CC
4085		EC	TS	CC
4121		EC	TS	CL
4187		EC	EN	GE
4188		EC	EN	HI
4199		EC	TS	HI
4066	MA	CM	EC	CC
4146			EC	GE
4147			EC	HI
4070			HI	CC
4084	MA	PH	EC	CC
4196			EC	GE

Code	3 H2 Subject Combinations			
3058	CC	CL	EC	MA(H1)
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	MA	EN	GE	EC(H1)
3713		EN	HI	
3680	MA	EC	EN	CM(H1)
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**.

- All students MUST include **at least one** combination from the above listed subject combinations as their choice without having the need to appeal to read any of the subjects listed.
- As far as possible, the school will try to cater to your preferred choice, subject to the school's constraints and a minimum enrolment for some subjects or subject combinations.



The detailed syllabus for each subject can be found on the SEAB website at:

<https://www.seab.gov.sg/home/examinations/gce-a-level>