

## 2024 HCIS ADMISSION TEST SCHEDULE & REQUIREMENT

### HCIS ADMISSION REQUIREMENTS

- Admission Test - includes English, Mathematics and/or Physics/Chemistry written tests.  
Admission for Year 1, Year 2 and Year 3 – **English and Mathematics Tests**  
Admission for Year 4 and IBI – **English, Mathematics and Physics/Chemistry Tests**  
*Topics tested in the Admission Tests are described in [Admission Test Information](#) on the next pages*
- An **interview** – only shortlisted candidates will be informed for the interview after the admission test  
It will be conducted in English.

### ADMISSION TEST SCHEDULE

- 24 Jan 2024 (Year 1 to Year 3)
- 19 Jun 2024 (Year 1 only)
- 14 Aug 2024 (Year 2 to IB1 only)
- 3 Apr 2024 (Year 1 & Year 2 only)
- 2 to 4 Jul 2024 (Online, Year 1 to Year 3 only)

### \*ADMISSION REGISTRATION

Please submit the following documents via email to [admissions@hcis.edu.sg](mailto:admissions@hcis.edu.sg) OR send to the Admin Office by the deadline. Do note that acceptance of admission registration is subjected to availability. The School reserves the right to alter the admission test schedule and deadline for registration. Please visit the school website [www.hcis.edu.sg](http://www.hcis.edu.sg) for updates.

i	Completed School Admission Application Form	完整填写并签字的报名表格
ii	Singaporean - Copy of NRIC (if applicable) , Birth Certificate	新加坡公民 - 身份证 (如有) 、 出生证
	Singapore PR - Copy of NRIC (if applicable), Re-entry Permit, Passport & Birth Certificate*	新加坡永久居民 - 身份证 (如有) , 再入境许可护照及出生证*复印件
	Foreigner - Copy of Passport, Birth Certificate* & Dependant/ Student/ LTSV Pass	国际学生 - 护照, 出生证*及家属准证 / 学生准证 / 长期旅游签证复印件
iii	Copy of academic certificate result obtained (such as PSLE/GCE 'O' Level/IGCSE or other overseas certification, if applicable)*	学历证书 (PSLE/ 'O' 水准 / IGCSE / 其他外国毕业证书)*复印件
iv	For students from Singapore Education System: All academic results from Primary 1 to current level *	新加坡教育系统: 从小一开始至今所有学年的学习报告*
	For students from Other Education System: Latest 3 academic years' results*	其他教育系统: 最近三年的学习成绩单*
v	Admission Administrative Fee <b>SGD650**</b> (non-refundable and non-transferable)	报名费 <b>SGD650**</b> (不可退、不可转让之费用)

Notes:

### DO NOT SUBMIT ORIGINAL DOCUMENTS

\* Please provide the official translated copy if the document is not in English (\*若非英文, 需提供官方英文翻译).

\*\* Subject to GST and subject to change. (需加消费税, 学校有权适时调整)

Last update: 1 December 2023

## **ADMISSION TEST INFORMATION**

### **Please note:**

The use of a dictionary and /or translator of any kind is not allowed. Scientific calculator is allowed for all levels.

- Please bring along all mathematical construction instruments, e.g. curve ruler, set square etc.

## **A. ENGLISH**

### **LOWER SECONDARY**

To ensure a fair and accurate assessment of the applicant's linguistic ability, candidates will be tested on:

#### **For admission to Year 1/Grade 7**

1. Free Writing – Minimum word count of 200
2. Reading Comprehension and Grammar/Vocabulary

#### **For admission to Year 2/Grade 8**

1. Free Writing – Minimum word count of 200
2. Reading Comprehension and Grammar/Vocabulary

### **UPPER SECONDARY**

The admission test for Upper Secondary English will assess applicants mainly on their essay writing skills. Scripts will be graded for content and language (on the fluency of expression and vocabulary). The paper comprises of:

#### **For admission to Year 3/Grade 9**

1. Free Writing – Minimum word count of 350-450
2. Reading Comprehension

#### **For admission to Year 4/PRE IB/Grade 10**

1. Free Writing – Word count of between 350-450
2. Reading Comprehension

#### **For admission to Year 5/IB1/Grade 11**

The admission test for Year 5 of Pre-University Level will assess applicants on their writing skills – Argumentative Writing and Reasoning Component. Applicants are required to write between 500 – 600 words.

## **B. MATHEMATICS**

### **For Admission to Year 1/Grade 7**

Topics: Arithmetic, Fractions, Decimals, Statistics, Simple Algebra, Geometry, Mensuration, Rate, Ratio and Speed, Percentages

### **For Admission to Year 2/Grade 8**

Topics: Primes, HCF, LCM, Integers, Rational Numbers and Real Numbers, Approximation and Estimation, Basic Algebra, Linear Equations and Simple Inequalities, Functions and Linear Graph, Number Patterns, Percentages, Ratio, Rates and Speed, Basic Geometry, Triangle, Quadrilaterals and Polygons, Area, Perimeter, Volume and Surface Area, Statistical Data Handling

### **For Admission to Year 3/Grade 9**

Topics: Direct and Inverse Proportions Linear Graphs and Simultaneous Equations, Expansion and Factorisation of Quadratic /Algebraic Expressions, Algebraic Fractions and Formulae, Congruency and Similarity, Pythagoras Theorem and Trigonometric Ratios, Volumes and Surface Areas, Statistical Data

### **For Admission to Year 4/PRE IB/Grade 10**

Topics: Simultaneous Equations, Quadratic Equations/Functions, Inequalities, Functions, Polynomials, Indices, Surds and Logarithm, Coordinates Geometry, Graphical Solutions, Trigonometry, Circular Measure, Statistical Diagrams, Probabilities

### **For Admission to Year 5/IB1/Grade 11**

Topics: All the above topics covered + Sets, Further Trigonometry, sequences and series, Graphs, Applications & Transformations, Statistics & Probability, Binomial expansion, Calculus and applications

Last update: 1 December 2023

### C. PHYSICS #

#### **For Admission to Year 4/ PRB IB/Grade 10**

Measurement, Scalars and Vectors, Motion (Speed, Velocity, Acceleration, Motion Graphs), Mass and Weight, Density, Forces (Hooke's Law, Friction, Drag, Newton's Laws, Turning Effects, Centripetal Forces), Momentum, Energy, Work and Power, Pressure, Kinetic Particle Model of Matter, Gas Pressure, Temperature and Thermal Properties (Specific Heat Capacity and Specific Latent Heat), Transfer of Thermal Energy, General Properties of Waves, Sound, Light and the Electromagnetic Spectrum, Thin Converging and Diverging Lenses

#### **For Admission to Year 5/IBI/Grade 11**

Measurement, Scalars and Vectors, Motion (Speed, Velocity, Acceleration, Motion Graphs), Mass and Weight, Density, Forces (Hooke's Law, Friction, Drag, Newton's Laws, Turning Effects, Centripetal Forces), Momentum, Energy, Work and Power, Pressure, Kinetic Particle Model of Matter, Gas Pressure, Temperature and Thermal Properties (Specific Heat Capacity and Specific Latent Heat), Transfer of Thermal Energy, General Properties of Waves, Sound, Light and the Electromagnetic Spectrum, Thin Converging and Diverging Lenses,

Simple Phenomena of Magnetism, Electrical Quantities, Electric Circuits, Electrical Safety, Electromagnetic Effects (Magnetic Effects of Currents, Motors, Electromagnetic Induction, Generators, Transformers, etc.), Nuclear Model of the Atom, Radioactivity

### D. CHEMISTRY #

#### **For Admission to Year 4/ PRB IB/Grade 10**

Chemical Bonding, Stoichiometry, Acids Bases & Salts, Reaction Kinetics, Energetics, Periodic Table, Redox

#### **For Admission to Year 5/IBI/Grade 11**

Stoichiometric Relationship, Atomic Structures, Chemical Bonding, Ideal Gases, Reaction Kinetics, Chemical Energetics, Redox Reaction (Including Electrolysis), Organic Chemistry

**# For Year 4 or IBI entry, Physics is the default test subject. Only those who have not studied the subject will sit for Chemistry test instead. The School shall decide and the candidate will be informed accordingly.**