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 NUSHighSchool

 nushigh.lights

 nushighschoolofmathandscience

 www.nushigh.edu.sg

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SCHOOL PROFILE 2025

Established in 2005, NUS High School of Mathematics and Science is an independent, specialised co-educational school that offers a six-year diploma programme, accredited by Ministry of Education and National University of Singapore.

NUS High School **offers the only school-based gifted education programme at the high school level in Singapore** to develop talents in Math and Science. It attracts the top 10% of Singapore's national cohort of primary school students. Annually, around 2000 students apply for entry, from whom 170-180 students are selected.

OUR STUDENTS



Complete 1-3 years of Research or Innovation Projects with Research Institutes or Universities



Contribute to the Community through Service Learning Projects lasting > 6 months



Learn from Industry Experts through Trips or Internships



More than 40% of our students complete at least one university course. 94% of these students score at least A-



Form 50% of the Singapore National Team for **Regional & International Olympiads**.

International Olympiads Total Medal Tally in 2024:

6 Gold, 9 Silver, 1 Bronze

in Biology, Chemistry, Nuclear Science, AI, Mathematics, Informatics, Astrophysics and Astronomy.

In addition, our students won the 3rd Award for Biomedical Engineering, 4th Award for Physics and Astronomy at the International Science and Engineering fair, and were two of the Singaporean representatives at the International Linguistics Olympiad.

National Olympiads Total Medal Tally in 2024:

64 Gold, 28 Silver, 26 Bronze

in Singapore Mathematical Olympiad (Open), National Olympiad in Informatics, Singapore Biology Olympiad, Singapore Chemistry Olympiad, Singapore Physics Olympiad, Singapore Young Physicists Tournament, Singapore Science and Engineering Fair.

THE GRADING SYSTEM

Academic performance is measured on a 5-point GPA. The grades for Honours* courses do not count towards the GPA.

*Honours courses are advanced, undergraduate-level classes, allowing students to demonstrate their intellectual curiosity and a commitment to academic excellence.

CORE & ELECTIVE COURSES	
GRADE	GRADE POINT
A+	5.0
A	5.0
A-	4.5
B+	4.0
B	3.5
B-	3.0
C+	2.5
C	2.0
D+	1.5
D	1.0
F	0

Grading for Da Vinci and Honours Courses are according to Distinction, Merit, Pass and Fail

Diploma Classification

Pass: 2.5 - 2.9
Merit: 3.0 - 3.9
Distinction: 4.0 - 4.4
High Distinction: 4.5 - 5.0

The Advanced Placement (AP) Scores

Our students sit for some College Board Advanced Placement Exams in Years 5 and 6 (Grade 11 & 12 / Year 12 & 13).

AP exams are optional, and NUS High students are discouraged from taking more than three exams in a sitting.

We are proud to share that in 2024, **all** NUSH students recieved a 5 in the following AP examinations:

Physics C: Electricity and Magnetism
Physics C: Mechanics
Physics 2
Environmental Science
Macroeconomics
Microeconomics
Psychology

OUR CURRICULUM

In the most recent accreditation in 2023, the Ministry of Education Singapore & the National University of Singapore concluded that our Math, Science, Humanities, Art and Music Majors are beyond H2 A-level standard. Our English Language is equivalent to the A-level standard. The medium of instruction is English.

FOUNDATION YEARS (Year 8-10 / Grade 7-9)	SPECIALISATION YEARS (Year 11-13 / Grade 10-12)
Students will acquire the fundamentals, build their base knowledge, and apply their knowledge.	Students will take advanced courses in their areas of specialisation.
MATH & SCIENCES Mathematics, Biology, Chemistry, Computer Science, Physics	SPECIALISATION Minimum: 3 Majors (Mathematics & 2 Sciences) Humanities Capstone Course ¹ Optional: 4th Major ² Optional: Read any Math and Science Subject at Major with Honours level at NUS High School and/or
HUMANITIES, ART & MUSIC Humanities Studies, English Literature, Geography, History, Art, Music	
LANGUAGES English & Mother Tongue French, Japanese, Chinese Special Programme, Malay Special Programme	
RESEARCH, INNOVATION & ENTERPRISE (DA VINCI PROGRAMME) Junior Maker Projects, Junior Math and Science Research, Research Methodology, Design & Engineering, Science Presentations, Innovation and Research Projects Advanced Design & Engineering, STEM Innovation & Enterprise	
CHARACTER & CITIZENSHIP EDUCATION National Education, Mentoring, Cyber Wellness, Discipline, Pastoral & College Counselling, Boarding	
HUMANITARIAN EDUCATION & STUDENT LEADERSHIP Values-in-Action, Leadership Development	
PHYSICAL EDUCATION & CO- CURRICULAR ACTIVITIES Physical Training, Sports, Outdoor Education Uniformed Groups, Sports & Games, Performing Arts, Clubs & Societies	

Optional Elective, Enrichment or Honours courses are in blue

¹For students who do not have a major in Humanities, Art or Music

²4th Major can be from any other subject from Sciences, Humanities, Art & Music, or Economics

SPECIAL PROGRAMMES

DA VINCI PROGRAMME
Research. Innovation. Enterprise

GALILEO PROGRAMME
Satellite Engineering

EINSTEIN+ PROGRAMME
Talent Development

TESLA INITIATIVE
Technopreneurship & STEM Internships

BOARDING PROGRAMME

HUMANITARIAN EDUCATION & EMPOWERMENT PROGRAMME

AESTHETIC APPRECIATION PROGRAMME

VOYAGER PROGRAMME
Internationalisation

ATLAS INITIATIVE
Leadership and Service

Programme of Studies

<https://nush.link/pos>



Special Programmes

<https://nush.link/specialprog>



UNIVERSITY OFFERS

Singapore

National University of Singapore (NUS)
Nanyang Technological University (NTU)
Singapore Institute of Management
Singapore Institute of Technology
Singapore Management University
Singapore University of Social Sciences
Singapore University of Tech and Design
DigiPen Institute of Technology Singapore

Asia-Pacific

Australia National University
HKUST
The Chinese University of Hong Kong
Jiao Tong University, Shanghai
KAIST
La Trobe University
Manipal Academy of Higher Education
Massey University
Monash University
Seoul National University
Sri Ramachandra Med. College and Res Inst
University of Auckland
University of Adelaide
University of Auckland
University Brunei Darussalam
University of Hong Kong
University of Melbourne
University of New South Wales
University of Queensland
University of Sydney
University of Tasmania
University of Tokyo
Waseda University
Yonsei University

Europe

Cardiff University
Heidelberg University
Imperial College London
Karlsruhe Institute of Technology
King's College London
Loughborough University
Queen Mary University
Queen's University Belfast
Royal Veterinary College
LSE
Oxford University
Trinity College Dublin
TUM (Munich)
University College Cork
University College London (UCL)
University of Aberdeen
University of Bath
University of Birmingham
University of Cambridge
University of Durham
University of Edinburgh
University of Exeter
University of Glasgow
University of Leicester
University of Manchester
University of Newcastle
University of Southampton
University of St Andrews
University of Nottingham
University of Warwick
University of Wurzburg

North America

Brown University
Caltech
Carnegie Mellon University
Columbia University
Cornell University
Duke University
Emory University
Georgia Tech
Harvard University
Harvey Mudd College
Johns Hopkins University
MIT
Minerva Schools at KGI
McGill University
New York University
Northwestern University
Princeton University
Purdue University
Reed College
Rice University
School of the Art Institute of Chicago (SAIC)
Southern California Inst. of Architecture (USC)
Stanford University
The College of New Jersey
Tufts University
UCLA
University of British Columbia
UC Berkeley
UC Irvine
UC Davis
UC San Diego
UC Santa Cruz
University of Chicago
University of Illinois at Urbana-Champaign
University of Manitoba
University of Michigan, Ann Arbor
University of Minnesota (Twin Cities)
University of Pennsylvania
University of Rochester
University of Southern California
University of Toronto
University of Washington
University of Waterloo
University of Wisconsin (Madison)
University of Virginia

The NUS High Diploma is **locally and internationally recognised.**

Our students have been offered places in these universities.

Updated May 2025