

LOGARITHM HIGH SCHOOL PROFILE

School Overview

At the high school level, Logarithm provides a **college-preparatory academic program** that integrates Mongolia's National Curriculum with a **30% school-designed enhancement**, ensuring academic rigor aligned with international university expectations. Logarithm School has maintained a 100% university enrollment rate for all graduating classes since its first graduating cohort in 2019. Approximately 50% of graduates matriculate at universities outside Mongolia. Graduates have been admitted to universities in: **USA, Japan, Ireland, Germany, UK, Hungary, China, South Korea** with scholarships ranging from **50% to 100%**, including government-funded awards and merit-based scholarships.

Academic Philosophy & Curriculum Design

Logarithm School emphasizes **academic depth, global competence, and holistic development**. While instruction follows the national curriculum, enhanced instructional hours and advanced content are incorporated across core subjects.

Students receive:

- **Intensive English instruction from primary school**, progressing to Pearson English and academic English in secondary school
- **Structured preparation** for international exams and competitions
- **Honors-level coursework** beginning in Grade 10
- **Applied learning** through simulations, research, and project-based coursework

The academic year is divided into **three trimesters**, with **40-minute classes** delivered across **37 instructional weeks**.

Honors & Advanced Coursework

Beginning in **Grade 10**, students may pursue the following **Honors-level courses** that extend beyond national standards and emphasize:

- ❖ Advanced problem-solving
- ❖ Higher-level scientific reasoning
- ❖ University admission exam preparations

<ul style="list-style-type: none"> ✓ Mathematics ✓ Biology ✓ Chemistry ✓ Physics ✓ Geography 	<ul style="list-style-type: none"> ✓ History ✓ Social Sciences ✓ English (Advanced / Honors-Equivalent) - <i>A rigorous, college-preparatory English course exceeding national curriculum standards.</i>
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Students may enter Honors tracks up to the **first trimester of Grade 11**, allowing for academic maturity and informed course selection.

Languages

- **English:** Mandatory; advanced academic and test-preparatory level
- **Japanese:** Elective from Grade 6; JLPT preparation (up to N3)
- **Korean:** Elective from Grade 6; TOPIK preparation
- **Chinese:** Planned introduction from Winter 2026.
 - **English Proficiency (IELTS)**
Average score: **7.5**
Highest score achieved: **8.5**
 - **Japanese Proficiency (JLPT)**
Highest level achieved: **N1**

ESTABLISHED: 2008

Total students: 900

Average class size: 25

Student/Teacher ratio 15:1

INDUSTRY IDENTIFIER

Independent, non-profit,

co-educational

ACCREDITATION

Accredited by the City Education Department since 2008

MEMBERSHIP

The school is a member of the Mongolian Association of Independent Schools since 2010.

HEAD OF SCHOOL & COLLEGE COUNSELOR

Ms. ODKHOI Bold

odkhoi.b@logarithm.edu.mn

HIGH SCHOOL ACADEMIC PRINCIPAL

Mr. ERDENEBUGAN

Ulaanbaatar

Erdenebulgan.u@logarithm.edu.mn

ADDRESS:

Sukhbaatar district, 8th Khoroo, 11th district, Ulaanbaatar, Mongolia

Tel: (976)-77006263

Tel: (976)-88118803

Website: <https://logarithm.edu.mn>

Facebook page: LogarithmSchool



Special Academic Programs

Business Simulation & Entrepreneurship (AI-based)

Grade 11 students participate in an **English-language business simulation program** (AI-based), developing strategic thinking, teamwork, financial literacy, and leadership through real-world business scenarios.

ITPEC Information Technology Passport

Senior students prepare for the **ITPEC Passport Examination**, an internationally recognized certification assessing foundational IT knowledge and digital competency.

Assessment, Grading & Credits

<ul style="list-style-type: none">• Passing grade: 60%• GPA scale: Unweighted 4.0• All courses, passed or failed, are included in GPA calculation• Honors, advanced and elective courses are clearly indicated on transcripts• Completion of secondary education requires successful completion of the state examinations taken in the final year.• SAT: Scores typically range from 1050 to 1450	Percent	Letter Grade	GPA (4.0 Scale)
	96–100	A+	4
	93–95	A	3.9
	90–92	A–	3.7
	87–89	B+	3.3
	84–86	B	3
	80–83	B–	2.7
	77–79	C+	2.3
	73–76	C	2
	70–72	C–	1.7
	67–69	D+	1.3
	63–66	D	1
	60–62	D–	0.7
Below 60	F	0	

Student Life, Leadership & Personal Development

Leadership and Community Service

- Student self-governing body
- Scouts sub council
 - Red Cross sub council
 - Logarithm Interact club
 - Desertification combat and local community livelihood support program jointly with Green Asia NGO
 - Eco club for environment protection
 - Life skills camp
 - Local herder community support program

Arts and Athletics

- Varsity basketball
- Varsity volleyball
- Cheerleading dance team
- Swimming club
- Annual school gala concert

Academic enrichment

- Social Emotional & Ethical Learning
- Corporate & Industry study tours
- "Success owner" club for career support
- Model United Nations club in English Alumni led
- Debate English/Mongolian
- Public speaking

Graduates

CLASS of 2025 – 43 students 100% university enrollment

- National public universities
- Tokyo International University 80% scholarship
- Nagoya University 100% scholarship
- NYU Shanghai 80% scholarship
- Universities in South Korea, USA, Japan, China
- Government scholarships for Hungary, South Korea, China

CLASS OF 2026 – 53 Students expected to graduate