

# LOGARITHM HIGH SCHOOL PROFILE

## The Country and the City

Mongolia is a land-locked country in Central Asia and East Asia, located between China and Russia. The total land area of Mongolia is over 1.5 million square kilometers. Given the total population size of roughly 3 million Mongolia is one of the largest countries in the world in terms of land per capita (about 500 sq.m. per resident). The average elevation of the country is 1,580 m. The capital of Mongolia is Ulaanbaatar with a population of 1.45 million (2017 census). Ulaanbaatar is the political, economic, cultural and social hub of the country. It is home to over 670 public and 147 independent schools for elementary, secondary and high education. Out of 147 independent schools 20% have over 500 students.

## The School

Logarithm is K-12 independent school, with 700 enrolled students from 1-12<sup>th</sup> grade. The school opened in the fall of 2008 and graduated its first senior class in spring of 2019. It serves middle-income families in Ulaanbaatar city and delivers national curriculum in compliance with The Education law of Mongolia. The school offers 1-5 Primary, 6-9 Secondary and 10-12 High school program.

In 2018, the school received an awarded as a **Best school of Sukhbaatar district**, the district is home to country's most competitive 60 public and private schools. In 2019 the school was awarded the **Top 20 Private schools** award by an independent study under the auspices of the Ministry of Education throughout the country. The school holds progressive education views and is dedicated to providing extensive personal development, academic hands on experience and is well known for its outstanding teachers, innovative and inclusive approaches and school facilities. The school has immersion English curriculum since 1<sup>st</sup> grade which enables middle and high school students participate in international events along with other international school students.

## The Vision

Help our students find their meaningful place in the world and be the leaders of minds.

## The Mission

Logarithm strives to ensure that all students have the equal opportunities for personal growth, discovery of their talents and become a responsible citizen and reliable team player. The school will groom inspirational, optimistic and multifaceted graduates, who would bring positive social changes to their communities and have a clear purpose in their lives.

## ESTABLISHED: 2008

Total students: 700

Average class size: 25

Student/Teacher ratio 11:1

## INDUSTRY IDENTIFIER

Independent, non-profit, co-educational, parents come from middle income group

## ACCREDITATION

Accredited by the Ministry of Education, Culture, Science and Sports of Mongolia

## MEMBERSHIP

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

## HEAD OF SCHOOL

Ms.ODKHOI Bold, MA (President of Mongolian Association of Independent schools, also College counselor)

[Odkhoi.b@logarithm.edu.mn](mailto:Odkhoi.b@logarithm.edu.mn)

## HIGHSCHOOL HEADMASTER

Ms.ZUL Ganbaatar, PhD

[Zul.g@logarithm.edu.mn](mailto:Zul.g@logarithm.edu.mn)

## COLLEGE COUNSELOR

Mr.SAINBILEG Chuluundorj, MBA

[Sainbileg.ch@logarithm.edu.mn](mailto:Sainbileg.ch@logarithm.edu.mn)

## ADDRESS:

Sukhbaatar district, 8<sup>th</sup> Khoroo, Students Av, Ulaanbaatar, Mongolia

Tel: 976-77116263

Tel: 976-88118803

### GRADING SCALE

96-100 A+ 4	77-79 C+ 2.3
94-96 A 4	73-76 C 2.0
90-93 A- 3.7	70-72 C- 1.7
87-89 B+ 3.3	67-69 D+ 1.2
84-86 B 3	65-66 D 1
80-83 B- 2.7	Below 65 F 0
GPA range of class 2019: The lowest GPA in the 12 <sup>th</sup> grade was 92.4-A (4) and the highest GPA in the class is 98.8-A+ (4)	The school does not rank in the class The GPA is unweighted

### CURRICULUM

The school within its context enhances the national curriculum by 30% which makes the teaching more rigorous. In addition to enhanced national curriculum, the school itself expands the program with electives in Foreign languages since 6<sup>th</sup> grade, Honor classes in STEM from 10<sup>th</sup> grade and other elective classes specific to school. Logarithm along with academic subjects and activities bring experiential learning into classrooms, run numerous personal development programs, sports and community clubs. One of the most prominent programs, which has great impact on students' personal development is classes by Personal Coach since 9<sup>th</sup> grade and Summer life skill camp that help herder community starts from 8<sup>th</sup> grade. The school year has 4 quarters and class runs from 40 to 60 mins.

### CLASS of 2019

15 students graduated in the Class of 2019 and became the FIRST GRADUATES. 100% matriculated to 4 years college (2 took Gap year).

Matriculation exam 2019 results	School average score	Country percentile	Rank within district by average score
Mathematics 13 students	639	89	4th place
Physics 6 students	653	91.3	3rd place
Chemistry 1 student	638	91.6	2nd place
Biology 2 students	649	92.4	1st place
English 15 students	644	88.8	4th place
Russian 1 student	715	99.7	1st place
Social science 3 students	612	81	6th place

### CLASS of 2020

24 students expected to graduate in June 2020.

100% expected to enroll in local and international universities.

### ADMITTED COLLEGES AND SCHOLARSHIP AWARDS OF CLASS 2019

- German Mongolian Institute for Resources and Technology - DAAD merit Scholarship
- Eotvos Lorand University - Hungarian Government 100% Scholarship award
- Asia Pacific University, Japan - 80% scholarship
- Savannah College of Art and Design, USA - 50% scholarship
- Mongolian University of Science and Technology - Ministry's 1000 engineers program scholarship
- University of Finance and Economics, Finance 2+2 program, partial scholarship
- Mongolian National University
- Mongolian University of Science and Technology
- Mongolian National university of Medical Sciences, Public Health school

**SUBJECTS AND PERSONAL DEVELOPMENT PROGRAMS**  
**AT LOGARITHM SCHOOL**

#	Subjects offered	Regular				Elective				Advanced				Honors			
		9	10	11	12	9	10	11	12	9	10	11	12	9	10	11	12
1	Biology	+	+	+											+	+	+
2	Basics of business						+										
3	Chemistry	+	+	+					+						+	+	+
4	Drawing & Design technology	+	+	+													
5	Drawing and sketch work								+								
6	English language	+	+	+	+					+	+	+	+				
7	Geography	+	+	+					+								
8	Geometry					+	+	+						+	+	+	+
9	History	+	+	+					+								
10	Information technology	+	+	+				+	+								
11	Japanese					+	+	+	+								
12	Literature	+	+	+	+												
13	Mathematics	+	+	+	+										+	+	+
14	Mongolian language	+	+	+	+												
15	Mongolian script	+	+	+	+												
16	Music	+															
17	Personal development program by coach					+	+	+	+								
18	Physical science +swimming+ basketball+volleyball	+	+	+	+	+	+	+	+								
19	Physics	+	+	+											+	+	+
20	Russian					+	+	+	+								
21	Social sciences								+								
22	Civil education/Social studies	+	+	+													
<b>Volunteer &amp; Community outreach program</b>		<b>Arts and Sports programs</b>								<b>Personal development</b>							
<ul style="list-style-type: none"> <li>• Student self-governing body</li> <li>• Scouts sub council</li> <li>• Red Cross sub council</li> <li>• Student led “Altruists” community outreach club</li> <li>• Summer life skills camp to help herder community</li> <li>• Health support students under Community health center</li> <li>• Eco club for environment protection</li> </ul>		<ul style="list-style-type: none"> <li>• Electric music band</li> <li>• National folklore music band</li> <li>• National and modern Dance classes</li> <li>• Annual school gala concert</li> <li>• Basketball varsity</li> <li>• Volleyball varsity</li> <li>• Judo club</li> <li>• Yoga club</li> <li>• Swimming club</li> </ul>								<ul style="list-style-type: none"> <li>• Personal development class by Coach</li> <li>• Corporate study tours</li> <li>• "Success owner" club for career support</li> <li>• Debate club English/Mongolian</li> <li>• Model United Nations club in English ran by Alumnus</li> </ul>							