



Republic of the Philippines
Department of Education
OFFICE OF THE UNDERSECRETARY FOR CURRICULUM AND INSTRUCTION

ADVISORY

February 8, 2022



**2023 INTERNATIONAL FRESHMAN ADMISSION
OF THE KOREA SCIENCE ACADEMY**

The Korea Science Academy (KSA) as conveyed by the Department of Foreign Affairs announces the application for the **2023 International Freshman Admission**. KSA is a science institution in the Republic of Korea offering specialized curriculum for gifted and talented students by providing research-oriented education and conducting on-site international research. The online submission of application for the 2023 International Freshman Admission is scheduled on **February 3 – March 4, 2022**.

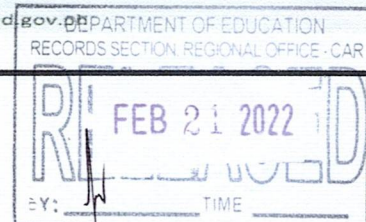
The KSA International Admission for 2023 sets the following eligibility for foreign applicants:

- foreign national middle school students, graduates, or those with equivalent educational background; and
- students who possess great interest and potential in Mathematics, Science, and English communication ability.

More information on the KSA's academic program can be found in the attached brochure, admission leaflet, and forms. For further details and inquiries about the program, interested applicants may access the KSA website via <http://admission.ksa.hs.kr> or email through admission@ksa.ac.kr.

DIOSDADO M. SAN ANTONIO
Undersecretary

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February 18, 2022

**To: All Schools Division Superintendents
All Others Concerned**

For information and dissemination.

ESTELA L. CARIÑO EdD, CESO III
Director IV/ Regional Director

By Authority of the Regional Director:

FLORANTE E. VERGARA
OIC-Assistant Regional Director

CLMD/RCA/acm



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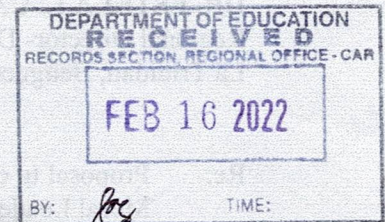
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DIOSDADO M. SAN ANTONIO
Undersecretary

KSA

Leading the future!



Korea
Science
Academy of
KAIST

KSA KOREA SCIENCE ACADEMY OF KAIST

KSA

Leading the future!

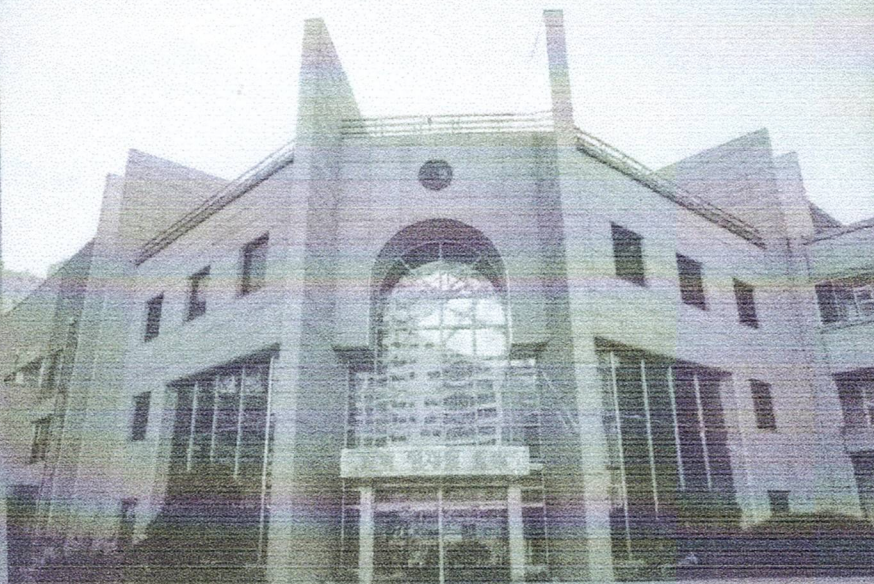
Korea Science Academy of KAIST

KSA KOREA SCIENCE ACADEMY OF KAIST

455-45, P.O. Box 207, Yusong, Yuseong-gu, Daejeon 305-380, Korea
TEL: 82-41-859-0206 / 859-0207 FAX: 82-41-859-0207 WWW.KSA.KAIST.AC.KR

Leading the

Future



The First National Science Academy in Korea for the Gifted

Best education with excellent teachers and students
Focus on developing a specialized curriculum for science-gifted
Students, research-oriented learning, transvergence education,
and international

The Only Secondary School Supported by the Ministry of Science and ICT

Stable budget and operation under the ministry's direct
supervision
Support by the regional government to foster talent. Maximum
student movement

**The Home of Future Scientists Growing with KAIST
Korea Advanced Institute of Science and Technology**

Affiliation with KAIST, world-class university in science &
technology
Provide comprehensive education and college-level research
& training

Start the

Promise

Research-oriented Education aimed at Nurturing Creative Scientists

Research-oriented education with high-tech equipments.
R&D program through teaching-oriented research projects.
Member-oriented graduation research.
High-profile teachers with professional research for the purpose of cultivating promising world-level scientists.

Global Education through International Partnership and Network

Development of leadership and global perspective through international exchange programs.
Various opportunities to enhance academic and research abilities through international collaboration research, master research and long & short-term exchange programs with partner schools abroad.
Globalized campus with foreign students and teachers.
Innovative teaching in English and generation of international programs.

Advanced Education in Collaboration with KAIST

Opportunity to enroll early, receive the KAIST Advanced Placement program plan of KAIST by KAIST Program.
Opportunity to enter our production research under the guidance of KAIST professors through KAIST HSP (high school Research Promotion).
Opportunity to attend lectures by KAIST professors.

Challenge the

World

Proud Home of Future Scientists

Innovative education free from the college entrance exam.
A learning journey to play and learn, study and grow.

Fostering Pioneers Who Will Open Up New Horizons Leading to the Future

Top-tier science classes supported with academic excellence and exceptional research capabilities.
Leaders of the global challenge with curiosity and creative thinking.

Nurturing Talents Who Can Work for the Humankind

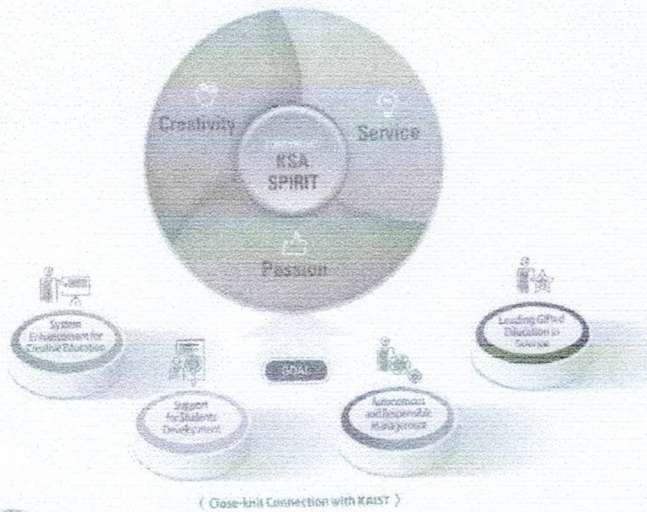
Generation of great value through new research and innovation.
Contributions to the betterment of human life, industry, welfare and society.

The First National Science Academy in Korea for the Gifted



MISSION
Nurturing Global Citizens
with World-class Education
to World Society

VISION
KSAI
The Science-gifted Institute
Leading the Future



Proud Home of Future Scientists

As the only science-gifted institute whose entire budget comes from the government, KSA has been striving to reach the top level of the world's best schools for science-gifted students.

Student

(As of Feb. 2020)

Grade	Grade 10			Grade 11			Grade 12			Total		
	M	F	Total	M	F	Total	M	F	Total	M	F	Total
Student	122	13	135	111	18	129	108	23	131	341	54	395
Class			12			12			12			36

※ 35 international students included

※ 4 RAA (Research-centric Academic Advisor) classes operated separately

Faculty

(As of Feb. 2020)

Category	Principal	Vice Principal	Full-time teachers		Dispatched by BKED	Temporary teachers	Total
			Korean	Foreigner			
No. of persons	1	1	46	6	7	5	65

※ 100% of science and math teachers have Ph.D. degrees.

Staff

(As of Feb. 2020)

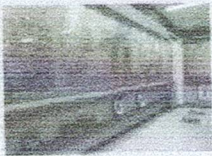
Category	Administrative staffs						Engineers, etc.			Total
	Administrative Officer	Admission Officer	Curriculum Development	Library	School Nurse	TA	Engineer	Culture Staff		
No. of persons	28	3	2	4	2	1	6	7	11	65

Facility

(Unit : m²)

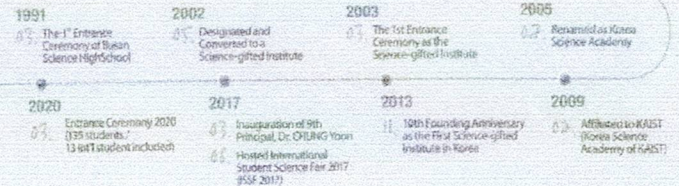
Site Area (59,188)			Building Area (36,635)									
Buildings	Athletic Field	Roads	Main Bldg	Tangsoo Gym	Hyundai Gym	Changwon Gym	Dream Design Center	Yong-gwan	Seong-yong Gym	Dormitory	Others	
54,713	4,670	297	6,484	4,805	4,172	5,440	984	4,304	1,284	8,859	283	

History



KSA KOREA SCIENCE ACADEMY OF KAIST

KSA was officially designated as the first school for science-gifted students in 2003. It became affiliated with KAIST, world-class university in science and technology in 2009. Since then, KSA has continued to produce future global leaders in science under the strong support from KAIST.



Customized Curriculum

KSA offers a differentiated curriculum with a view to prepare gifted learners in science to lead the future of science in Korea. The curriculum is focused on offering student-centered and individualized education to develop capabilities and qualities of students. KSA is also strongly committed to supporting students' creative research activities to nurture them as well-rounded global leaders.



Curriculum Organization

Academic Courses (144 credits)	• Natural Science (76 credits) • Humanities (68 credits) • Convergence (8 credits)
Creative Research Activities (30 credits)	• Creative Basic Research (6 credits) • Self-directed Small Group Research and Domestic & Int'l On-site Research (16 credits) • Graduation Research (8 credits)
Convergence-based Learning Activities (Over 300 hours)	• Career Development Activity (at least 90 hours) • Cooperation Activity (at least 60 hours) • Global Citizenship Activity (at least 60 hours)

Academic & Curriculum

Credit-based Graduation System (174 credits)
Required Courses (83 credits): Accelerated completion of mandatory courses of high school education
Elective Courses (43 credits): Advanced courses recognized as college credits
Convergence Courses (8 credits): Courses containing two or more academic disciplines
Credit acceptance through the academic exchanges with science-gifted institutes at home and abroad
Operation of subject classroom system

Subject Operation

• Student-centered customized curriculum: Accelerated - intensive education such as PT and AP, and customization of courses by student level

• Strengthening of investigation, discussion, and writing skills

PT (Placement Test)

• Credit acceptance through the PT without taking courses
• Applicable courses: Mandatory courses

KSA AP (Advanced Placement)

• KSA course credits transferred to leading domestic universities
• AP agreements with KAIST, POSTECH, UNIST, DGIST, and GIST

KSA HP (Honors' Program)

• Accelerated advancement opportunity for outstanding students
• Taking courses at KAIST in the final semester
• Course credits accepted by KSA and KAIST

Creative Innovative Convergence Education

• Dream Design Center (DDC): Utilized to provide educational opportunities with a focus on the generation of creative multidisciplinary ideas implementation of maker education establishment and operation of Creative Convergence Design
• Creative Engineering: Designed to meet students' demand for engineering and help students to find a career path focused on energy, nano, robot, and bio-technologies, etc.
• Convergence Education: Intended to cultivate problem-solving abilities and interdisciplinary thinking through integrated education of math, science, humanities, and arts

Student-oriented / Learner-engaged Education

• Operation of classes with increased student participation through experiments, discussions, team assignments, etc.
• Operation of Learning Management System (LMS)-based classes
• Establishment of Active Learning Classroom (ALC) for participation-based classes
• Offering of various lectures in conjunction with KAIST Edu 3D



Creative Research Activities

The future of our society depends upon talented individuals, who think and act with a creative mindsets, based on diverse experiences, respect of different opinions, and innovative ideas. KSA offers stepwise creative research activities to help science-gifted students become self-directed thinkers and action takers so that they can realize their dreams.



Year-by-Year Creative Research Activities

Grade	Type	Courses
10	Creative Basic Research	• Creative Design Activities • Seminar on Basic Research Methodology
11	Self-directed Small Group Research	• R&E • Domestic & Int'l On-site Research
12	Graduation Research	• Individual Research or KAIST HRP

Creative Basic Research

Creative Design Activities: Learning about the desirable qualities of researchers and adopt creative thinking through opportunities to explore areas of research in math and science. Building of scientific inquiry skills to foster science and technology talent for the 4th industrial revolution. Maker education introduced to enhance project-oriented education and problem-solving capabilities
Seminar on Basic Research Methodology: Conducting research on a topic of interest and gain skills on report writing and problem identification in small group. Established in the form of pre-R&E to lay the groundwork

R&E (Research & Education)

• An opportunity to experience professional research by participating in a small group research project for one year and writing a thesis under the guidance of their advisors. Students explore career paths as future scientific leaders based on a solid research network connecting the KSA to universities and research institutes

Graduation Research

• **Individual Research**: Under the guidance of a KSA teacher, researching and writing a graduation thesis
• **KAIST HRP (High School Research Program)**: Performing research and writing a thesis over one regular semester and 30 days of intensive education during the summer break under the guidance of a KAIST professor

RAA (Research-centric Academic Advisor)

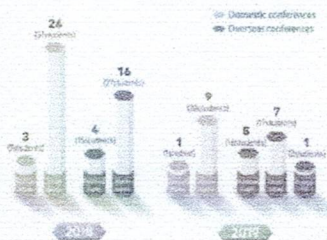
• As research-oriented system in which grade 10 to 12 students, under the guidance of an academic advisor, assigned to a class to establish a mentor program between junior and senior students

Dream Design Center

• Establishment of idea generation and development space for students to apply their creativity and imagination while utilizing scientific knowledge and advanced equipment
• Utilized as an incubator for students to develop their ideas into intellectual property and contribute to society

Outstanding Research Results Presented at Home & Abroad

• Publication of research: SCI 1 line, KO 3 lines





International Admissions for the year 2023

Korea Science Academy of KAIST



Korea
Science
Academy of
KAIST

Eligibility

- A. Foreign national middle school students, graduates, or those with equivalent educational background are eligible to apply
- B. Students who possess great interest and potential in mathematics, science, and English communication ability are highly encouraged to apply
- C. Holders of Korean citizenship are NOT eligible
 - a. After acquiring a foreign citizenship and without holding a dual citizenship with Korea, students who completed both their primary and middle school level education abroad and whose parents hold a foreign nationality are eligible to apply to KSA
 - b. Applicants who acquired foreign citizenship are required to submit elementary school transcript and graduation certificate

Number of Students to be Selected

Approximately fifteen

Admissions Process

- A. 1st Stage: Document Evaluation
- B. 2nd Stage: Written Test (Mathematics), English Interviews

Documents to be Submitted

- A. Online Submission
 - a. Application Form
 - b. Personal Statement
 - c. Recommendation Letters:
 - (A) from Math or Science teacher
 - (B) from English or homeroom teacher
 - d. Official Academic Records (over the recent three year period)
 - e. A Photocopy of Passport
(Applicant & Parents, valid until at least August 31, 2023)
* All documents should be written in English and submitted on the KSA Admissions Website (<https://admission.ksa.hs.kr/english/>)
- B. Airmail Submission
 - a. Official Academic Records (over the recent three year period)
 - b. A Photocopy of Passport
(Applicant & Parents, valid until at least August 31, 2023)
 - c. Middle school enrollment certificate or middle school graduation certificate



Application Schedule

Stage	Schedule (GMT +0900)
• Admissions Announcement	January 03, 2022
• Online Submission of Application Form & Recommendation Letters	February 03 ~ March 04, 2022
• Airmail Submission of Documents	March 10 ~ March 18, 2022
• 1st Stage of Document Review	March 29, 2022
• Announcement of 1st Stage Result	April 01 ~ May 13, 2022
• 2nd Stage: Tests for Mathematics/English Interviews	May 23, 2022
• Announcement of Final Candidates	
※ The dates above may change according to school circumstances ※ 2nd Stage tests and interviews will be given to those applicants who pass the 1st stage ※ No application fee ※ Rolling Admissions: We accept applications and make decisions periodically until places are filled	

Pre-enrollment Education for Admittee

- Online Education for Admittee includes Mathematics, Science, English & Korean.
- All admittee MUST participate in pre-enrollment education.

Financial Aid

KSA will provide the following expenses free of charge.

Educational Expenses	Other Expenses
A. Tuition Fees B. Overseas Training Programs C. Creative Research Activity Programs including R&E D. Leadership Activity Programs E. High-school Research Programs at KAIST	A. Room and Board B. Going-home Weekend Programs (eg. Korean Culture Experiences, once a month) C. Special Holiday Programs (Twice a year) D. Pre-enrollment Programs E. International Academic Exchange Programs F. International Science Fair Participation Fee G. National Health Insurance of Korea H. Other expenses are supportable according to school policy ※ E, F will be provided for selected students according to school policy.

※ Notes 1) Students who show outstanding academic performance will receive extra privileges according to school regulations.
 2) The provisions above may be changed according to school policy.

Personal Expenses

- Flight expenses, School Uniform, Gym Uniform, Taekwondo Uniform (if it is required), Experiment Garment, Laundry Service Fee, Laundry Bag, Health Insurance, Alien Registration Card, Medical Check, Tetanus Vaccine and Textbook Fees should be covered privately.
- Other personal expenses should be covered privately.

Important Reminder

- Korea Science Academy of KAIST is chartered for gifted education in math and science and funded by national government. Students who are interested in Schools of medicine, pharmacy, or related fields are not suitable to apply.
- We remind applicants that all information must be complete, accurate, and their own work. Failure to submit accurate information will jeopardize consideration for admission to KSA for the current and any future terms.
- We do not disclose any information related to admissions process and submitted documents are not returnable.

KSA

International Admissions for the year 2023



Ministry of Science and ICT



KOREA SCIENCE ACADEMY OF KAIST

Mailing Address: Office of Admissions, Korea Science Academy of KAIST, 105-47, Baegyanggwanmun-ro, Busanjin-gu, 47102, Busan, Republic of Korea
 TEL +82-51-606-2273, 2182 10900 ~ 1230, 1330 ~ 1700 Monday through Friday, GMT +0900 FAX +82-51-606-2124
 E-mail: admission@ksa.kaist.ac.kr International Admissions Website: <https://admission.ksa.kr/english/>

Letter of Recommendation By Math or Science Teacher

Name of Applicant	Registration No.
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Notice

1. This form is a sample. Letter of Recommendation must be submitted online at (http://admission.ksa.hs.kr/iphak_eng/) during application submission period.
2. Type your recommendation in English.
Feel free to contact KSA Admissions Office with any questions.
3. Your candid recommendation of the applicant's potential for success at KSA is extremely valuable to the admissions process. Comments made on recommendation need to be clearly described with specific and detailed examples on this letter. (KSA will confirm the veracity of contents of the recommendation during the assessment and interview.)
4. Misstatements or comments written by others can be a big disadvantage for admissions because your recommendation letter will be documented.
5. Fill out the recommender's information below and check ☒ the box.

※ This recommendation will be used only for admissions.

* I have read this notice. ☐

[COMPLETED BY THE RECOMMENDER]

Name	Gender	M	F
Date of Birth	Ex) 20051215		
Institution			
Title	Position		
Teaching Career	Year	Month	
Telephone	Fax		
Cell phone			
E-mail			
Address			

- I have written this recommendation based on the facts.
- I will not disclose the contents of my recommendation to the applicants and the others under any circumstances.
- I will cooperate when KSA asks for confirmation of the contents of your recommendation.
- I will take responsibility of any false contents and the information written by someone else.
- This recommendation **via airmail** must contain your handwriting signature.

I hereby pledge that I have confirmed the contents above.

Date: _____, 2022(mm.dd.yyyy)

Recommender's Name: _____ Signature: _____

Check the pledge ☐

③ Describe your interaction with the applicant.

- ① How long have you known the applicant? _____
- ② Elaborate on your relationship with the applicant.

④ Please rate the applicant by checking the appropriate box, relative to other students in the same grade you are in charge of.

(Check with the mark ✓)

Applicant's level Appraisal item	One of the top few I've encountered	Class size ()				No basis for judgment
		Outstanding (1%)	Excellent (5%)	Above average	Below average	
Achievement in math and science						
Abilities to do scientific inquiry						
Creative thinking						
Intellectual inquisitiveness and spirit of challenge						
Task commitment						
Self-directed learning						

1. Elaborate on the applicant's creativity with detailed cases such as work ability and giftedness in Math and Science.

2. Elaborate on the applicant's task commitment, intellectual interests, passion for math and science, attitude to study, and self-management ability with detailed cases.

※ If you have additional comments about the applicant, write them in the space below.

3. How strongly do you recommend this student to KSA? (with √ mark)

My strongest recommendation	Strongly	Early strongly	With reservation
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Letter of Recommendation

By Counselor/Homeroom Teacher

Name of Applicant	Registration No.

Notice

1. This form is a sample. Letter of Recommendation must be submitted online at (http://admission.ksa.hs.kr/phak_eng/) during application submission period.
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4. Misstatements or comments written by others can be a big disadvantage for admissions because your recommendation letter will be documented.
5. Fill out the recommender's information below and check √ the box.

※ This recommendation will be used only for admissions..

* I have read this notice. ☐



Address: Office of Admissions, Korea Science Academy of KAIST
105-47, Bexyang Gwanmun-Ro, Busan jin-Gu, Busan,
47162 Republic of Korea

TEL: 82-51-606-2273, 2265, 2182

FAX: 82-51-606-2124

E-mail: admission@ksa.kaist.ac.kr

For more information on

Korea Science Academy of KAIST, visit:

<http://admission.ksa.hs.kr>

[COMPLETED BY THE RECOMMENDER]

Name	Gender	M	F
Date of Birth	Ex) 20031215		
Institution			
Title	Position		
Teaching Career	Year	Month	
Telephone		Fax	
Cell phone			
E-mail			
Address			

- I have written this recommendation based on the facts.
- I will not disclose the contents of my recommendation to the applicants and the others under any circumstances.
- I will cooperate when KSA asks for confirmation of the contents of your recommendation.
- I will take responsibility of any false contents and the information written by someone else.
- This recommendation **via airmail** must contain your handwriting signature.

I hereby pledge that I have confirmed the contents above.

Date: _____, 2022(mm.dd.yyyy)

Recommender's Name: _____ Signature: _____

Check the pledge ☐

Describe the educational and local environment of the school the applicant attends.

Describe your interaction with the applicant.

- How long have you known the applicant? _____
- Elaborate on your relationship with the applicant.

Please rate the applicant relative to other students in the same grade you are in charge of by

checking the appropriate box.

(Check with the mark ✓)

Applicant's level Appraisal item	One of the top few I've encountered	outstanding	Excellent	Average	Below average	No basis for judgment
Various interests except math and science						
Self achievement						
Relationship with friends and teachers & Cooperation with others						
Spirit of Service & Concern for others						
Communication Skills						
Sense of responsibility & Leadership						

- Describe the applicant's interests in various areas, willingness for self-achievement, and personal traits in detail.

- Elaborate on the applicant's relationship with friends and teachers, spirit of service, concern for others, cooperation, and leadership.

※ If you have additional comments about the applicant, write them in the space below.

- How strongly do you recommend this student to KSA? (with ✓ mark)

My strongest recommendation	Strongly	Fairly strongly	With reservation
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KAIST 부설
한국과학기술원
KOREA SCIENCE ACADEMY OF KAIST

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105-47, Beangyang Gwanmun-Ro, Busan jin-Gu, Busan,
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