

2023

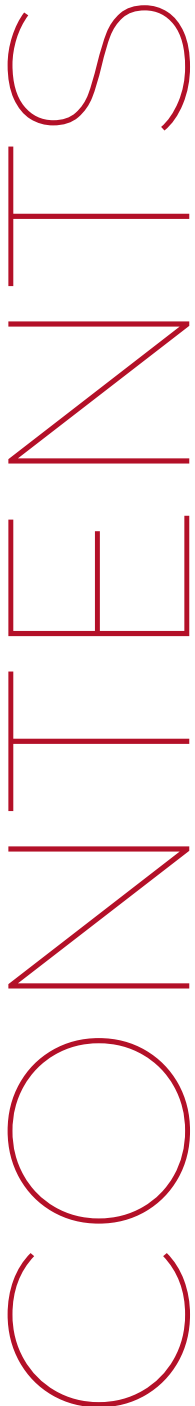
# GAFLETIMES

TOPNOTCH  
VOL. VI



cover designed by: Jieun Oh

# Table of Contents



## 01.

### Greetings

## 02.

### GAFL Life

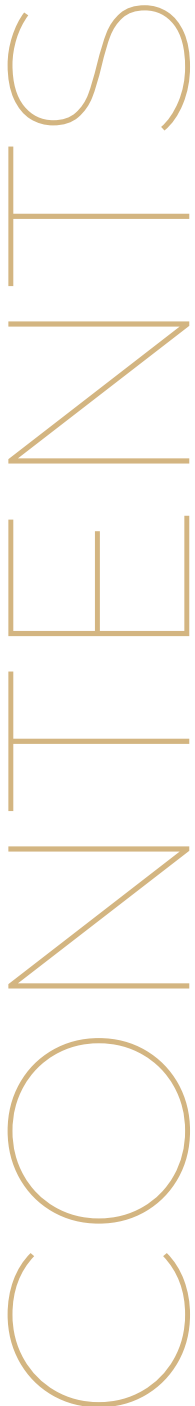
- PreDP students shine in innovative marketing campaign
- Pride of Korea, PK in GAFL
- Sports Day Filled with Special Moments
- August 15 briefing session, "Study internationally at GAFL"
- Toward victory of badminton competition
- Revolutionizing Presentation: Pecha Kucha's Fusion of Ideas and Visual

## 03.

### Group Articles

- Would the radioactive water from Fukushima make the ocean like a bikini island?
- A Double-edged Sword headed toward Nature
- Decrease in salmon stock caused by climate changes, what are the new governmental policies the States have provided?

# Table of Contents



## 04.

### Newspaper Clippings

- China's military exercise against Taiwan raises anxiety of war in East Asia
- "The Little Mermaid' tanks in China and South Korea amid racist backlash from some viewers"
- South Korea reenters UN Security Council after 11 years
- They are now called champions
- Environment and humans are paradoxical
- Pandas from China gone to the USA are returning.
- Transmedia- what is it and what do the fans think?
- AI erasing evidence of war crime
- What scientific actions apply to beauty tools
- The Super Mario Bros. Movie review: 'Lazy and for fans only'

## 05.

### Advertisement and Campaign



# Table of Contents

# STENZOCO

## 06.

### GAFLian interview

- Pursuing Dreams, Enduring 'OUCH': GAFL WOMEN's Lacrosse team
- Interview with GAFLians pursuing their dream - Members of IB Committee
- Pursue your dreams in GAFL- an interview with *Novel's* president/founder, Chaeyoon Park





## GREETINGS

### Editor in Chief 2023, president of TOPNOTCH Sinbi Kim



After 7 years of the absence of the publication of <GAFL TIMES>, the annual school magazine that represents our school, TOPNOTCH is proud to announce the successful publication of our 6th volume. TOPNOTCH decided to publish the new volume of GAFL TIMES because it is a trademark of GAFL, and also for TOPNOTCH.

For a year- consisting of two semesters- GAFL students have accomplished great work, even in tough times, and TOPNOTCH captured the scene.

As a journalism club representing the school, TOPNOTCH fulfilled its purpose as a school press, linking students with the school, and also the other way around. With a variety of activities regarding the school post, our club members learned the function of the press and successfully ended the year with the publication of GAFL TIMES. In GAFL TIMES, readers can find the results of the activities which TOPNOTCH has done during the year- articles about annual school events, articles made by groups that are about social issues, article clippings, GAFLian interview articles, and a movie review article. It was not an easy journey reviving GAFL TIMES, but we made it! I would like to thank our club members for always being passionate towards club activities and being each other's driving force. Also, I would like to show gratitude to our teacher in charge, 박건울 선생님, for always supporting us and helping us with our articles. Please enjoy the wellmade annual school paper made by our hardworking team of 2023 TOPNOTCH. Thank you.



**GAFL Life**

Topnotch 20th YunJi Heo

## PreDP students shine in innovative marketing campaign



[Image of discussing of marketing campaign. Credit for Flickr ]

Starting from 18, April 2023 to 31, May 2023, PreDP 1-3 and 1-4 students conducted the marketing campaign from the English A class. Each of the students embraced the goal of the marketing project: to maximize the sales of the company's product and its fame, throughout their work. To accomplish this goal, PreDP 1-3 and 1-4 students established their own company with a group of four, exploring the way to lure the target audience. Each group performed various kinds of firms with intrinsic names, such as Broccolin (Broccoli food company), Chloris (Perfume company), FACT (Travel Agency), F&F (Environmental fashion company), GLLG (Legal group), Hanul (Hanbok makers), K&L (University counseling), Localize'n Connect (Translation company), Lux(University), Max Co. (Bubble gum company), Monde(Fashion company), Sprout(IceCream with the seed capsule producers). The use of inventive mediums for the promotion, such as company flyers, company logos, brochures, and storyboards infused originality and creativity within each cluster.



Exerting an extraordinary effort, every group was highly evaluated and praised by their peers and teachers. As an extension of an excellent presentation,

had an interview with 4 students from FACT (Travel Agency), GLLG (Legal group), Lux(University), and Max Co. (Bubble gum company). Interviewees were asked to share about the hardships they confronted during the preparation and the things they realized or thought to be helpful throughout these activities.





From the interview, students identified several challenges such as teamwork or collaboration, using formal languages, scheduling appointment, creating new things as a hardship. However, they also highlighted the positive outcome: enhancement of teamwork skills, efficiency, expansion of vocabularies as an enlightenment.

## PreDP students shine in innovative marketing campaign interview



Yukyeong Baek (Lux University)

There were time constraints in gathering everyone together, which posed a challenge. Additionally, consolidating everyone's opinions and creating everything from scratch without any provided resources were also challenging, but it was also exciting. Even though it was overall difficult, I felt refreshed and enriched since it was my first entrepreneurial experience. I had the opportunity to gain a deeper understanding of fundamental marketing concepts. Moreover, spending more time together as a group enables me to learn ways to be more efficient in our activities, understand each member's presentation and research styles, and discover how to persuade others through my presentations. It was an incredibly rewarding experience!

Hyunseo Oh (Max Co. Bubble gum company)

Regarding the challenges we faced during the marketing campaign, I would like to start by mentioning that there were some hardships, especially when collaborating with friends.

These challenges, however, presented growth opportunities. We learned how to leverage these difficulties and turn them into strengths for our team. It was a valuable experience that taught us how to enhance teamwork while working with friends.

From the interview, students identified several challenges such as teamwork or collaboration, using formal languages, scheduling appointment, creating new things as a hardship. However, they also highlighted the positive outcome: enhancement of teamwork skills, efficiency, expansion of vocabularies as an enlightenment.

Sumin Park (FACT Travel Agency)

It seems that the difficult aspect was teamwork. While all team members understood the essence and directions of the marketing campaign, there were many disagreements in deciding specific details. To ensure smooth operation, compromise, and understanding were necessary, but those were the most challenging tasks, so we have struggled a bit in that regard. Our team members, however, were all very proactive and had a strong passion, we could make it enjoyable and lead to good results. In the process of overcoming a few conflicts, we could gain valuable experience on how to achieve better teamwork.

Bonjun Ku (GLLG Legal Group)

One of the most challenging aspects of this marketing campaign was practicing for the presentations and using formal language. It was difficult to find the right words that would align with the formal tone we wanted to convey. Yet, it was a great learning experience for me as I had the opportunity to expand my vocabulary with such words and improve my communication skills. Thanks to the marketing project, I also realized the significance of using formal language and effective communication.







# GAFL Life

Topnotch 20th ChaeEun Lee



## Pride of Korea, PK in GAFL

### What is PK in GAFL

At GAFL, there is a unique activity called “PK”, which stands for ‘Pride of Korea’. As you can see in the name, it is visiting representing tourist destinations in Korea and experiencing activities. This PK can be the field trips at other schools. So, what did Gaflian do during the PK in 2023?

First, the 1st students, from class 1 to 7, visited the Korean Folk Village. And class 8 went to watch a play in Daehangno(대학로). In the case of the 2nd students, each class selected different places to visit, like Yonsei University and 창경궁. At this, one more distinctive feature of PK comes out. It is that students can autonomously choose places they want to visit. They propose and decide sites through class meeting

Now, let's discover the first PK of Gafli 20th students

### About PK sites and activities

First, let me briefly introduce the sites where the first grade went. As I said, from class 1 to class 7 went to the Korea Folk Village, located in Yongin, Gyeonggi Province. This place replicates traditional Korean culture and folk life. Old buildings are arranged by local features, in each building, it depicts the lifestyles of our ancestors.



It also exhibits various household items and crafts. and we can even experiences like 투호던지기 and 널뛰기.

The placed Daehangno(대학로), which class 8 went, it's a place with many small theaters where you can watch various plays up close and make new experiences. Through activities like these at PK, we can make memories with friends and gain valuable experiences.





## Sports Day Filled with Special Moments



On Friday, May 19, 2023, a sports day was held at Gyeonggi Academy of Foreign Language. This article will talk about this year's sports day, which began with sunny weather and was filled with special moments, through an interview with three students, Hwang Yoon-hwan, Hwang Min-jin, and Kim Min-joo.



I interviewed Hwang Yoon-hwan, a member of Student Administration, prepared and progressed this sports day. He said it was tiring to plan for it for a month and started preparing right after the midterm exam. But he also felt rewarded because he thought sports day which everyone could enjoy was made through those preparing. His special moments were with other Student Administration members. Especially when the games finished earlier than planned, they prepared the next game and ate a sandwich together, he said it was small but the best moment for him. About the games added in this year, he said they made an effort for making new and creative games through hearing students' opinions and planning, progressing for themselves. Many students hoped tug-of-war for the new game, however the schoolyard is formed with not sand but artificial turf, and replacing turf needs a sizable amount of money. So he expressed regret that it wasn't selected for preventing possible damage to the turf.

He also mentioned the failure of the red team formed with the 2nd grade English-Japanese major and the 1st and 2nd grade 1B in the race. He knew that many students could feel depression about it, but all the games had been judged by the rulebook prepared before, and red team's behavior, which got out of the route, was clearly a foul stipulated in the rulebook, so in principle, it had no choice but to be eliminated.

Individually, he did lots of things not only as the member of Student Administration but also as the player of his team, he fulfilled because of showing good results in the race and soccer. And the preliminary soccer match was held for the first time. There were more people than he expected to watch the game, so he felt pressed but had a lot of fun too. However, he felt sorry that a negative mood was formed among the 1st grade students that they couldn't concentrate on studying because of this sports competition.

Next, I interviewed Hwang Min-jin, the class president of 1-1, who worked hard for the cooperation of the class. As a member of the Legislative Committee, she planned a parade and led her classmates in the practice of that. Especially this year, there were 70 students in the 1st grade English major, much more than others. She also said there were some difficulties in finding a place and preparing music. But thanks to the consideration of teachers, it was much easier to proceed the practice, and it made students more cohesive than before. She expressed gratitude to the students of 1-1 and 1-2 for following very well and making a wonderful parade. Her special moment was shouting the chanting of the English major with her friends. Because she experienced the course first in this year and she felt fresh about being on the same team with 2nd grade students. And the English-Chinese major and English-Japanese major had been combined for English major this year, so they had to make new chanting. Although the short time of making it was nicer than she thought and cheering her team with that chanting made her feel a bond with her friends.







She also talked about snacks and juice provided for free. It solved the hunger and thirst of many students after they participated in the game. She and her friends also enjoyed delicious juice and tteokbokki. But there were some things put to feel inconvenience that many students lost their coupon for snack easily. She hoped it would be solved. She ended the interview to say thanks to everyone who participated in the sports day and hoped for a better sports day in which nobody gets hurt next year.

## Sports Day Filled with Special Moments



Lastly, I interviewed Kim Min-joo, a student who participated in the women ssireum added in this year. The women ssireum was controversial because of uncertain judgment and injury of many players. Actually she injured her nose during the game too. She said the game was influenced so much by physical ability, and as a player, there are so many injuries and exhaustion of physical strength. She doesn't want to participate as a player again, but it was interesting to watch. So she hopes to make the women ssireum more safer and tighten the rules or use arm wrestling. And her special moment was all the time with her friends. She felt accomplished and pleased in the preparation. The much larger sports competition, including parade than middle school and everyone participating in at least one game was the best point for her. But the weather was so hot to enjoy that. About the opinion that students can't concentrate on studying because of preparation of the sports day, she couldn't agree on that. Because the sports competition was held right after the midterm exam, even if there wasn't the sports day, students couldn't concentrate on studying easily. And most students enjoyed it well, and started to study again.

In this year's sports day, many 20th GAFLians could experience new things like the team formed with students from the same major and parade with their friends. It's true that there were some regretful things, but all students could relieve stress made by the exam and become familiar with their classmates much more than before. I wish the sports day of this year had a lot of special moments filled with pleasure for you.





## August 15 briefing session, “Study internationally at GAFL”

Do you know about the August 15 briefing session, the biggest student-led admission briefing held by Gyeonggi Foreign Language High School? Gyeonggi Foreign Language High School holds numerous briefing sessions for a year. Among them, the briefing session, which will be held on August 15, will be organized by Gyeonggi Foreign Language High School students with the most sincerity, and there are many applicants for admission to Gyeonggi Foreign Language High School who come to participate. Basically, the briefing session introduces the school application guidelines. We also introduce the legislative committee formed by the chairmen of each class, the judicial committee responsible for the order of life in Gyeonggi Foreign Language High School, and the administrative committee leading all events held in Gyeonggi Foreign Language High School. In addition, we

introduce the semi-student association and academic clubs of Gyeonggi Foreign Language High School, and there is a time for the managers of various Gyeonggi Foreign Language High School clubs to introduce their own clubs. Among them, Ga-in of the Student Admission Promotion Department is drawing attention at the briefing session on August 15. Of course, Gain organizes all briefing sessions, but if it is the most prominent briefing session among them, it is because it is the briefing session on August 15. It is a department that receives a lot of attention from applicants who visit Gyeonggi Foreign Language High School because it guides students who visit Gyeonggi Foreign Language High School and exchanges directly. If there is a differentiated feature between the August 15 briefing session and other briefing sessions, the August 15 briefing session will provide free meals for Gyeonggi Foreign Language High School. While listening to the briefing session, you can experience Gyeonggi Foreign Language High School meals in the cafeteria around lunchtime. As school meals are famous in Gyeonggi Foreign Language High School, it can be seen as a popular corner.

There is also a time to show off the uniforms of Gyeonggi Foreign Language High School. This is called a school uniform fashion show. It is time to show off the school's pride, school uniforms, including summer uniforms, gym clothes, daily clothes, winter uniforms, casual clothes, and finally graduation gowns. In Gyeonggi Foreign Language High School, all briefing sessions are organized by students, except for briefing sessions held during the exam period. This feature has a great advantage that juniors who wish to enter Gyeonggi Foreign Language High School can interact with students from Gyeonggi Foreign Language High School more comfortably and in detail. In addition, you can dream big in Gyeonggi Foreign Language High School by looking at seniors attending Gyeonggi Foreign Language High School in person. Highlighting these advantages, the briefing session on August 15 will divide students attending by department under the theme of conversation with seniors and provide time to freely talk in person according to the department of applicants for admission. Applicants who want to enter the English department can talk to students in the English department, and those who want to enter the non-English department can talk to students in the non-English department. Wouldn't these events increase the rate of hope of entering Gyeonggi Foreign Language High School? Lastly, there is a performance by performing clubs as a briefing event on August 15. It's a time when you focus on your studies and enjoy it when you enjoy it.





# GAFL Life

Topnotch 20th Jueun Choi



## August 15 briefing session, "Study internationally at GAFL"

During this time, various performance clubs from Gyeonggi Foreign Language High School, such as dance club Steelo, vocal club Seiren, and rap hip-hop club Ditahu, band club Cod will perform. In this way, the briefing session ended successfully, and the thoughts of applicants for admission to Gyeonggi Foreign Language High School who participated in the briefing session on August 15 become more firm.  
study internationally at GAFL

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study internationally at GAFL

### GAFL GAin Lee Cheong Bi

가인으로서 현재까지 많은 설명회를 진행해왔을텐데 많은 설명회 중 8월 15일 설명회만이 가진 특별한 점이 있다면 어떤 점인가요?

- 먼저 1년동안 하는 설명회 중에 가장 큰 설명회이기도 하고 8월 15일 설명회에는 많은 공연 동아리들이 설명회에 참여한 학생들에게 큰 추억을 선물하는 시간이 마련되어 있기 때문에 그 점이 가장 특별한 것 같습니다.

8월 15일 설명회는 다른 설명회에 비해 규모가 크다고 알려져 있습니다. 이에 따라 경기외고에 입학 희망하는 후배들과의 교류할 기회가 많은데 후배들과 이야기하며 가장 인상 깊었던 대화가 있다면 어떤 것인가요?

- 질의응답 시간에 많은 학생들이 준비 과정에 대한 질문을 많이 했습니다. 그 질문을 하는 학생들의 모습에서 학교에 입학하고자 하는 의지가 느껴졌고, 또 그런 열정에 가장 최상의 답변을 해주기 위해 직접 본인의 경험을 바탕으로 구체적인 답변을 제시해주었습니다.



## Toward victory of badminton competition

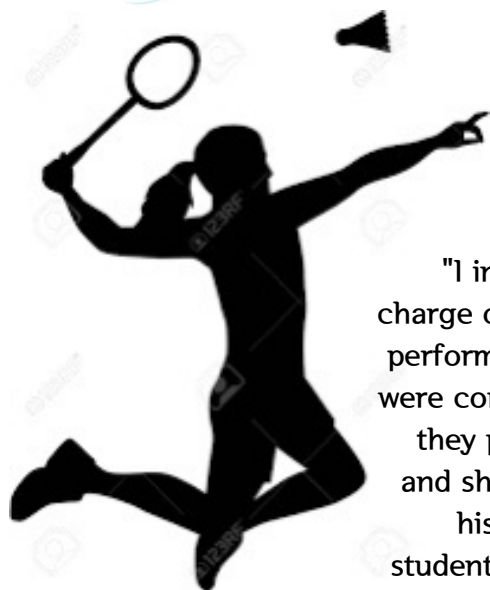
"One of the events that showcases the passion of GafI students is the GAFL Badminton competition organized by the Student Council. The badminton tournament takes place in the second semester, once the Gaflian have adapted to their school routine. It concluded at the beginning of the second semester. Each class sends 14 representatives to compete in the tournament, targeting the 1st and 2nd-year students. A total of 16 classes participated in the preliminary rounds, with the top 4 teams from the 1st-year and the top 4 teams from the 2nd-year advancing to the finals. The classes that made it to the finals this year were 1st-year Class 1, 5, 6, and 7, and 2nd-year Class 1, 2, 4, and 7. The badminton tournament took place during lunchtime and evening hours, utilizing the Gaffle grounds for the matches. The matches were conducted in doubles format, with 3 teams in mixed doubles, 2 teams in men's doubles, and 2 teams in women's doubles, making a total of 7 teams competing. The matches were played based on a 21-point system, with the team winning the most points declared as the victor. Now, let's hear from the students and teachers themselves."

### Interview of GALFLIAN

"First, it is the 1st grade Class 7, who won the GAFL Badminton Competition this year. Let's take a look at the interviews with the students of 1-7. First, when asked about their thoughts on winning first place, they mentioned that there were many talented players, so they went with the mindset of enjoying the game and although they were nervous and after they were happy to win. They also mentioned that they had great chemistry with their partner until the very end. Honestly, they didn't have high expectations of winning, but their teamwork was outstanding. Most of the students found the experience enjoyable and said that they became closer to their classmates. When asked about their thoughts on the badminton tournament, many expressed excitement for next year's competition and they also mentioned that their badminton skills improved during the tournament. Some students expressed disappointment that they wouldn't be able to play with their classmates if they moved to the 2nd grade, and they also mentioned that it was very hot during the matches due to the malfunctioning air conditioning. Although they appreciated the material prizes, they expressed the hope for higher prize money. As the tournament progressed, we could see the increasing passion and fighting spirit of Class 1-7."







### Toward victory of badminton competition

"I interviewed Mr. Kim Jeong-geun, the physical education teacher in charge of sports at Kyunggi High School. When asked about the students' performance as a referee, he said that in the early stages, many students were confused because they were not familiar with the rules. However, as they progressed to the finals, they became more familiar with the rules and showed a joint and passionate attitude while playing actively. As for his thoughts on the badminton tournament, he felt proud to see the students enjoying the tournament, which has been held for the past year as a way to unite the school. He also mentioned that while studying is important, it's equally important to engage in leisure activities that one enjoys. It was surprising to know that the badminton tournament had only started last year, as it seemed like an old tradition."

"Finally, I interviewed Park Jeongseo, a senior student from Class 4 of the 2nd grade who served as the head of the Culture and Sports Department in the Student Council, responsible for overseeing the badminton tournament. First, asked for her thoughts as the overall coordinator of the tournament. She expressed a sense of pride and overwhelming emotions as the long-running badminton tournament came to a successful conclusion. The significance was even greater as all the student council members actively participated and worked together to make it happen. She wanted to express her gratitude to everyone involved. We also asked for her thoughts on finishing in 2nd place in the tournament. She was surprised by the unexpected achievement of finishing in 2nd place and mentioned that the memories of rallying with friends and achieving victory in the finals would stay with her for a long time. As the organizer and participant of the event, she believed that the badminton tournament would be a deeply meaningful experience for her in the future.

The players who entered the Gafground showed remarkable enthusiasm. With every class participating in badminton, every game was intense and exhilarating. This tournament provided a mix of bittersweet moments, enjoyable experiences, and fulfilling memories. Some classes grew closer as a team, while others discovered their class identity. Unfortunately, there were also injuries, but it was a competition filled with passion. It's hard to believe that we are already looking forward to next year's GAFL Badminton Tournament! I'm excited to see what kind of passion the 21st generation of GAFLians will bring. Wrapping up the article, let's cherish yet another joyful memory.



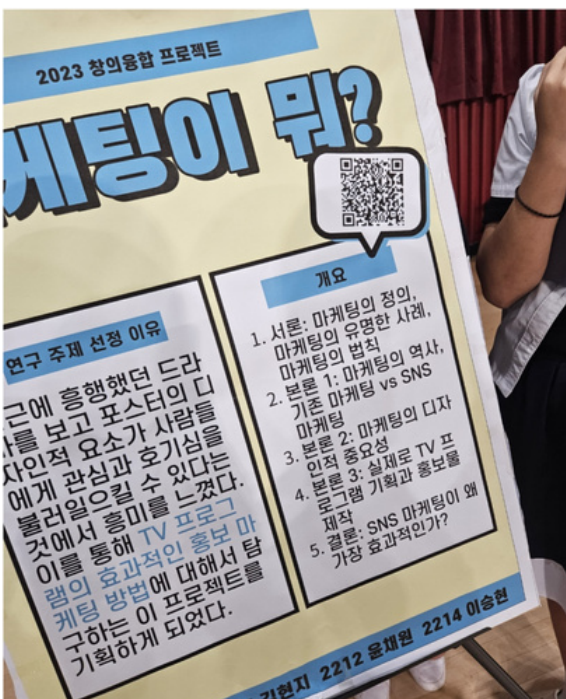


## Revolutionizing Presentation: Pecha Kucha's Fusion of Ideas and Visual



### Take a moment!

Think about the very last presentation you saw whether it took place in your classroom, a seminar, a briefing session, or even the ones you delivered to others. Can you recall all the memories and contents covered by the formal structure? Did it captivate your sights and inspire you, or just follow the predictable patterns that have become too familiar? If you are looking for an alternative presentation style that breaks free from the traditional mold, how about considering Pecha Kucha? Derived from the Japanese phrase meaning 'chit-chat,' Pecha Kucha has emerged as a new presentation format shown in the global stages nowadays.



Here, at GAFL, first-year GAFLians carried out the Creative Convergence Project (창의 융합 프로젝트), applying the novel method of presentation during the whole semester. With the guidance of Homo Academicus, students gathered with the people who share the same interests. Homo Academicus, Hoa for short, is a group made for the purpose of composing the appropriate atmosphere for students to learn and make more achievable results in their fields of study. They conducted a project based on Pecha Kucha in advance, to detect the possible difficulties students might suffer from while conducting the Pecha Kucha project. I interviewed one of the Hoas in order to learn more about it.





**GAFL Life**

Topnotch 20th Jinhui Suh

## Revolutionizing Presentation: Pecha Kucha's Fusion of Ideas and Visual

### Q&A

Q. Can you explain what exactly Pecha Kucha is?

A. Pecha Kucha is one way of delivering a presentation. There are a few simple rules to follow. Pecha Kucha is mostly made up of 20 slides, with each slide having a time limit of 20 seconds. What's important is that the contents should be focused on pictures and only the keywords, rather than long-winded elaborate sentences. It aims to grasp the audience's idea easily by arranging the main ideas as briefly as possible

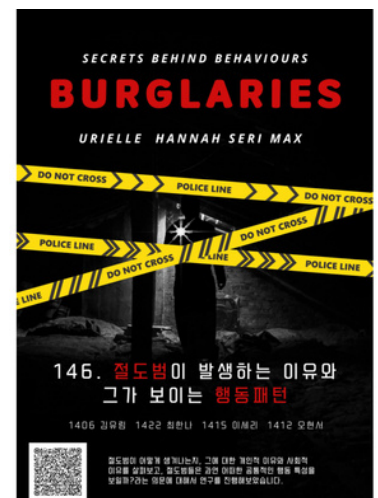
Q. Have you ever heard of the term Pecha Kucha before?

A. Yes. When I was in middle school, a teacher of mine showed us a video about a person delivering a presentation using the method of Pecha Kucha. The person in the video only used simple images and minimum text, owing to the rules. It greatly increased my concentration as well as my classmates' since we only had to rely on the presenter's words.

### Why do Thieves Steal Money?

Students with common interests came together to explore two distinct fields, instead of concentrating on a single topic. For instance, one of the groups conducted research on the reason why thieves steal money, along with the psychological behavior of the thieves. They figured out their motivation for committing crimes was based on financial and psychological reasons. For example, a factor of social inequality is when people feel there is an imbalance in economic and educational opportunities. Thus they take out their frustration and anger on them by committing theft. As a result, they came out with the conclusion that various psychological methods were developed to catch the criminals effectively.

On September 1st, each group displayed their presentation in front of the whole school. The auditorium was filled with anticipation as each group demonstrated their work, armed with their Pecha Kucha presentations blended with concise words and captivating visuals. This novel approach of Pecha Kucha not only captivated the audience's attention but also facilitated a deeper understanding of diverse subjects. Likewise, Pecha Kucha became a representative example of how we can break free from traditional presentation norms. Why don't you look for your own inspiring and unconventional presentations that challenge us all to think differently?







## Group Article

Topnotch 19th Hyojin Park / 20th YunJi Heo, Jaewon Lee

# Would the radioactive water from Fukushima make the ocean like a bikini island?

These days, many people are concerned about the effect that the emission of radioactive water in Fukushima, Japan will have on the environment. Japan has stored radioactive-polluted water since 2011 after the Fukushima nuclear accident. However, the tank accumulating the radioactive water in Fukushima was filled, so Japan decided to discard the water into the ocean. Thinking about the effect of the radiation, we can be reminded of the bad consequences of the nature of Bikini Island. Bikini Island was a peaceful island that had a beautiful ocean view. After the U.S. conducted 67 times (1946-1958) of nuclear tests, many people who lived on the Island were exposed to radiation. Not only radiation exposure, but many people also had to move to other regions or countries. Trees and flowers on the island were devastated and the Bikini Island remains a wasteland because its radiation level is high until now. If we expect the results that Japan's emission of radioactive water will bring will be as mortal as Bikini Island.



Radioactive materials have many critical impacts, such as destroying cells or modifying genes and destroying fertility. Bikini explosions happened more than 60 years ago, but there still remains a high level of radioactivity such as americium-241, cesium-137, plutonium-238, and plutonium-239,240 that led to the extinction of some species inhabited there. This shows that radioactivity lasts such a long time and we don't know the exact way to get rid of it. The most dangerous point of radioactive materials is that nobody knows how much it affects the ecosystem. In addition, there is a risk that it can affect not only the ecosystem but also people. There are also reasons why people are exposed to radiation directly in the face of radiation, but there are also frequent cases where people eat it and are exposed to radiation without knowing that it is an animal or plant that has already been exposed to radiation. Unless you face radiation exposure, the symptoms will gradually appear. Therefore, even if you are exposed to radiation, you may not be able to claim that it is caused by the release of contaminated water if you know it over time. Surprisingly, Nobody knows how many times it needs to disappear completely.

Despite this, Japan's government says radioactive water is safe enough to flow into the ocean from Fukushima. Shaun Burnie of Greenpeace's German secretariats said "Japan's government, overburdened by the cost of treatment of radioactive water from Fukushima, tries to overflow radioactive water containing high-risk substances." Scientists found a way to treat radioactive water and suggested it to Japan's government. However, they were refused because their solution needed a long time and a lot of money. It is also true that Japan needs to solve Fukushima's problem and the most ideal solution is so expensive that the government can't afford it. IAEA(International Atomic Energy Agency)'s opinion that 'discharge is the most practical way to solve the problem and the plan of Japan's government can be trusted' supports this. There are views on Fukushima's radioactive water like we should prevent discharge of it for our future or there is no solution without discharge we can do now. Now we can't know which is right so we should monitor Japan's plan carefully and check the impact of discharge on the environment.

Like this, many people are concerned about the discharge of radioactively contaminated water from Fukushima. People will suffer from uncertainty about how long nature will be purified again after Japan's release of radioactively contaminated water from Fukushima. In reality, there is a way to purify radioactive water, but the Japanese government has decided that it cannot delay any longer and that it is financially impossible. Even if it is safe as the Japanese government claims, will our planet be alright? People around the world hope that our planet will not become the second bikini island.



## Group Article

Topnotch 19th Sinbi Kim / 20th ChaeEun Lee, Jinhui Suh

### What has AI done to our lives?

We all know that artificial intelligence is developing rapidly. Artificial intelligence is now so familiar and inseparable in our daily lives. AI is in charge of many parts of our daily lives, including self-driving cars, virtual assistants like Siri, video recommendation algorithms, and human face recognition. Without us really realizing, the era of “With AI” has come. As AI develops rapidly, there are social and ethical problems that emerge. For example, artificial intelligence technologies such as deep fake are often used for fake news or sex crimes. However, besides these ethical issues, what is artificial intelligence doing in the environmental field? It is said that artificial intelligence technologies that are being developed can help our planet Earth, where environmental pollution is becoming more serious. For example, AI technology is being developed to predict environmental pollution and abnormal climates such as yellow dust or fine dust. Accurately predicting climate change based on AI and preparing for a crisis is seen inevitably as a benefit to the environment. However, in contrast to this positive move, AI is also one of the main causes of environmental pollution.

Through the development process of AI’s deep learning technology, enormous power is consumed and a large amount of carbon dioxide is emitted. Some surveys show that the carbon dioxide emissions from the development of deep learning technology are the same as the amount of CO<sub>2</sub> emitted in a lifetime of five cars. What should we think about this two-faced aspect of AI?

### Making Green World with AI

Nowadays advanced AI can be accessible in various ways in our lives. AI is used to reduce environmental pollution, which is a big issue in modern society. Then how?

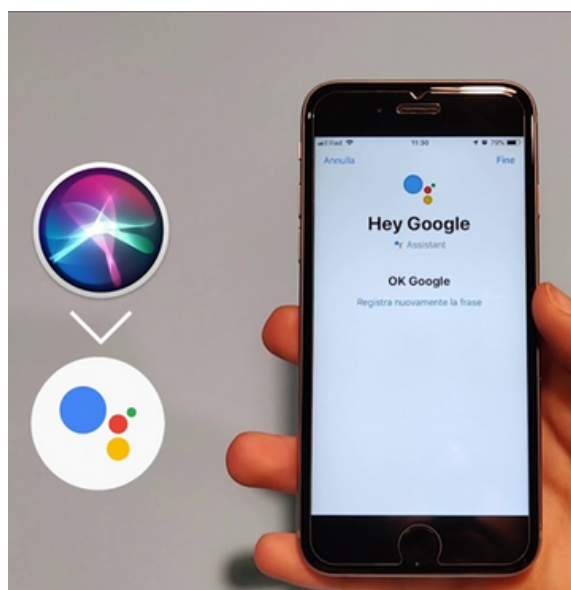
#### # Nefron

First of all, there is AI cleaner Nefron that can be easily seen in our daily lives. When we put bottles and cans that can be recycled, it distinguishes them and gives us some money back. In this term, how does AI assist this robot? In fact, Nefron doesn’t distinguish bottles through barcodes but collects images of bottles that are continuously put in and classifies, using big data. Therefore, the damaged shapes of the product don’t matter to differentiate. As a result, Nefron encourages people to recycle.

#### # AI incinerator

Next is an AI incinerator made by SK Ecoplant and AWS. This is a little bit far from our lives but helps to reduce environmental pollution. An incinerator is a facility that operates to burn waste. Then how does it help to reduce environmental pollution? SK Ecoplant and AWS developed optimum AI solutions that are used to work the incinerators. These AI solutions minimize the pollutants and find the temperature that increases operational efficiency from big data. Both companies expect to reduce nitrogen oxides and carbon monoxide generation in incinerators by 2 tons per year. Currently, these AI solutions are applied to five incinerators. Eventually, the average amount of carbon monoxide emissions fell to 49.7% and nitrogen oxide fell to 12.4%. In addition, heat energy generated during the incineration process is supplied for heating nearby residences or used to produce electricity by the waste heat generator. Like these two examples, AI helps play a role to make the world green.

## A Double-edged Sword headed toward Nature





## Group Article

Topnotch 19th Sinbi Kim / 20th ChaeEun Lee, Jinhui Suh

### AI's veiled drawbacks

AI, which takes the lead in preventing environmental pollution, is actually the main culprit?

While AI is on the rise in preserving the environment, it also has several flaws in the aspect of harming the environment. First but not least, energy consumption. AI models are trained to use vast data resources, which requires high-performance computing hardware that uses a significant amount of energy. According to Forbes, late research came out with a conclusion of AI consuming enormous power in the progress of developing deep learning technology. It revealed that the amount of carbon dioxide emissions is equal to the emissions emitted by 5 cars in a lifetime. However, it is not only the AI itself that attributes to energy usage. The manufacturing process is also a strong contributing factor that eats up huge energy. Likewise, operating and producing AI systems inevitably lead to formidable energy consumption and greenhouse gas emissions. The next controversial issue is equivalent to e-waste. As AI technologies advance as days go by, there is an increasing demand for computing hardware, such as data centers, servers, and graphics processing units (GPUs), which commonly have a limited lifespan.

When these devices become obsolete, they are likely to end up in landfills, contributing to the growing e-waste problem. In fact, according to Children and Digital Dumpsites report by WHO, the amount of e-waste generated is expected to increase to 74.7 million tons by 2030.

### How can we overcome its limitation?

In spite of AI's numerous weaknesses, we can never eliminate the use of AI, since it has deeply penetrated our lives. Thus, we must keep an eye on the following steps and put them into action to make good use of AI and at the same time, rescue the Earth from contamination. The first thing to consider is energy efficiency. Improving the energy efficiency of AI systems can come true by optimizing algorithms, hardware, and software. Second, in order to manage e-waste, adopting responsible e-waste practices, such as refurbishing, recycling, and reusing electronic devices can help reduce the environmental impact of AI hardware. Lastly, as we all know, usage of sustainable energy. Using renewable energy such as wind, solar, and hydroelectric power to power AI systems can reduce greenhouse gas emissions. Moreover, encouraging the use of electric and autonomous vehicles powered by renewable energy sources can help reduce emissions from transportation.

Above these items, there are more solutions to dissolve AI playing a role as an environmental destroyer, yet there is no definite answer key. Therefore, further research is needed to coexist in the contemporary 'with AI' world.



So the bottom line is that...



Many solutions have been proposed to solve AI technologies that exacerbate environmental pollution, and technology development plans have been drawn up, but under the current circumstances, this is only a good future, and very few are being implemented. It is not yet in the settlement stage that AI technology helps the environment, such as smooth recycling with AI technology or preventing energy consumption by controlling heating and cooling systems. Therefore, rather than AI's solutions to prevent environmental pollution, which are ineffective in reality, it is necessary to slow down AI development as soon as possible and be careful not to worsen environmental problems.





## Group Article

Topnotch 19th Elin Jin, Yujin Seo / 20th Jueun Choi, Nayun Kim

# Decrease in salmon stock caused by climate changes, what are the new governmental policies the States have provided?

What are the effects humanity faces due to the decrease in salmon stock and how can we improve this?

Recently there has been a massive decrease in salmon stock all over the world. The reason why salmon are disappearing gradually as they die is largely due to environmental reasons. Global climate change is caused by the burning of fossil fuels, which causes the temperature to rise. Cold water is needed for salmon to grow, but rising water temperatures make it impossible to create an environment. The environment of the sea where salmon live is mostly disturbed by humans. As there are many claims that "When salmon are extinct, the Earth will also end," it is necessary to create an environment for the sea to grow salmon and stop salmon fishing. Currently, salmon fishing is already suspended in the United States. Salmon provides a clear link between marine ecology and geoecology and shows that everything is connected. Many argue that the decline in salmon is due to predators such as herons and seals that eat salmon, but salmon's disappearance is highly likely to be environmental pollution. Salmon provides a clear link between marine ecology and geoecology and shows that everything is connected. In order to protect these salmon, it is important that we strive to preserve the environment.

Some people wonder why don't the humanity just focus on the organism we have that are full in stock and are not likely to extinct. Why do we have to put so much intention to save the salmons? What are the benefits they give that cannot be replaced by another? There are numerous reasons why humans should put their effort to protect salmons, in historical ways, nutritional ways, and finally to keep researching and exploring their ability to live in fresh water and saltwater.

Among all the reasons, it is valuable to know that salmons show a long history with humans. Salmons existed before than 6,000,000 years ago when they were first present in the Pacific Northwest. In 1829 Columbia River, salmon trading was established.

The world started to place salmons in the market. Up until now salmons can be found almost everywhere in the market and are one of the well-known fish that come up to our meals. Therefore, salmon is one of the few species of life that made history with humanity. It is essential to maintain the history humans and salmons had far back from ancient times.

Moving on to the more profitable reasons for humans, on the health benefits salmons give. Salmon are rich in numerous nutrients and are commonly known as 'Super food'. They contain selenium, phosphorus, omega three, and even vitamin B which are the key nutrients for our bodies.

Selenium is an essential component that carries various enzymes and proteins called selenoproteins. This protein involves in DNA synthesis, thyroid hormone metabolism, and reproductive health.

Similarly to selenium, phosphorous in salmon is an essential mineral for the human body. This mineral is composed of bones, teeth, DNA, and RNA synthesis. Therefore, phosphorus is a component of cell membrane structure and the body's key energy source.

Other than these unknown particles, omega three and vitamin B are all quite well known for their benefits. Omega three is a healthy fat, where it assists to provide structure and support to the interaction between cells. It is most widely known to make the cardiovascular system and endocrine systems to healthier state.

Other than these nutrient factors, among all the fishes on our planet. Salmon has the only trait to be able to live on both rivers and oceans and for further scientific research, these traits should be discovered. Salmons have a biological process for them to be born in rivers and migrate to saltwater later on when they grow. This process is called osmoregulation. This is done through salmons controlling their body fluids as they move between fresh and salt water. Once a salmon is born and hatches from its egg, the young salmon, known as a smolt, takes in a lot of water to its body. Then its kidneys stop producing as much urine.





## Group Article

Topnotch 19th Elin Jin, Yujin Seo / 20th Jueun Choi, Nayun Kim

Next, the molecular pump in the salmon gills switches its direction and starts to pump sodium out of its body. Later on, when the salmon grows fully to swim back to the freshwater, the changes it did in the youth reverse. They spend a couple of days in the intertidal zone between freshwater and saltwater for adoption. In short, according to the nutritional factors and its rare traits, it has it is important for humans to pay more attention to decreasing the number of salmon stocks.

My personal perspective towards this issue is that humans should do anything to protect the salmons. If we are careless about the disappearing salmon, when a similar situation happens, this will be repeated. We will result to lose a variety of species on our planet if we are incautious about this matter. This will eventually lead to the ecosystem falling, and this brings multiple problems. To list some of the worries, disruption of the food chain, food shortage as the land lacks organisms, loss of biodiversity, and more. These aspects bring a crucial impact on our life. Therefore, we should be aware of the decreasing number of salmon stocks at least for ourselves to keep our environment.



One way to protect salmon is by reducing the amount of salmon that is sold. There are two main ways to do this through advertising: making advertisements that encourage people to choose other fish instead of salmon and making laws that limit ads for salmon. We could also work with stores that sell salmon to not advertise it as much. Instead, we could make advertisements for other delicious fishes, like squid and trout, so people are willing to buy those instead. We could also make commercials that tell people about how important it is to protect salmon and the environment. Everyone cares about this because salmon used to be really important in California, but now there are not as many of them. If we keep affecting the environment, we could lose even more salmon and other things we love.

So, we should try to sell less salmon for a few years, and encourage people to buy other fish instead. This will help protect salmon and make sure they can keep living in our oceans and rivers.

Overall, there is a difference in perception between Korea and the United States on the decline in salmon populations. Since 2008, the United States has continued to play a role in increasing salmon populations for salmon species through a large and diverse set of services or collaborations between organizations and agencies in fisheries management. Unlike Korea, the United States, which has many institutions and connections, is working to address the salmon population decline with better technology and methods. The biggest difference between the US government and the Korean government here is their investment budget. The US had invested more than \$11 trillion a year to combat the salmon population decline. There are about 1.24 trillion won in Korean currency. On the other hand, Korea is investing in salmon resource conservation with an annual budget of over 10 billion won. You can clearly see the huge difference between the US and Korean policies in budgets. If so, how is it possible that the US and South Korean governments spend this much money on salmon populations?

Both countries are actively promoting policies for sustainable fish production, such as support and regulation for the sustainable development of the salmon farming industry, preservation and management of salmon genetic resources, and improvement of the ocean environment. The budget is also used to invest in technology development, such as habitat protection and restoration, and farm management and monitoring. Recently, Korea has also developed a smart salmon farm near Gangwon-do, and it is said that a large amount of domestic salmon can be seen in three years. Thus, Korea is also active in reducing salmon populations, but I think it would be a great idea to invest a large budget for further development and actively promote language preservation programs like the United States. In addition, I believe that it is good to actively develop technology in Korea by referring to the case of R&D in the US.



### China's military exercise against Taiwan raises anxiety of war in East Asia

Topnotch 20th Jaewon Lee



On April 8th, China's military crossed the middle line of the Taiwan Strait for the drill. According to estimates issued by Taiwan's defense ministry, it was the largest scale in the history of observation of Taiwan. China explained the meeting of Tsai Ing-wen (president of Taiwan) and Kevin McCarthy (the speaker of the House of Representatives) as the reason for this armed protest. They warned that they have capability to attack Taiwan rapidly enough to leave an indelible scar before the United States comes to help. They also suggested the unification of China and Taiwan as the only way to solve this problem peacefully. China mobilized military aircrafts, naval ships and an aircraft carrier Shandong for this drill. By Saturday to Monday, 91 Chinese aircraft had flown into Taiwan's air defense identification zone. It was the highest daily total of Chinese sorties. They also carry out live-fire exercises to make Taiwan cast doubt on security assurance provided by the United States. Unfortunately for Taiwan, China's comment is true. Beijing is so close that they can declare war in the morning, and assemble their force in the afternoon for attack, while Washington is too far. It was proved on this drill. Taiwan's military responded to China's drill with its own stream of images and announcements showing their military power ready to defend against enemy attack. But at the same time, their foreign ministry said "As a responsible member of the international community, Taiwan will not engage in escalating clashes or provoking disputes," which means they don't want military conflict with China. Now, the Second Cold War between Western powers and anti-Western forces has started. Taiwan is one of the most dangerous points where the United States and China have conflict. China needs Taiwan for the advance into Pacific and semiconductor technology, and the United States needs to block China through protecting Taiwan's democracy government. The war has already broken out in Ukraine, which made the world even more frozen. If China's invasion of Taiwan comes true, we can not exclude the possibility of World War III. From this perspective, the drill of China against Taiwan increased anxiety of war in East Asia.

article: <China Brandishes Military Options in Exercises Around Taiwan>, The New York Times



### "The Little Mermaid' tanks in China and South Korea amid racist backlash from some viewers"

Topnotch 20th Yunji Huh

Many people who watched the movie "The Little Mermaid" criticized the casting of the Black actress Halle Bailey as the main character Ariel. Disney's revenue that they gain from the broadcast is 3.6 million dollars in China and 4.4 million dollars. The revenue that Disney gained from the movie is truly high, but the review of the movie seems to be bad among people, blaming the cast of Bailey as a main character. According to IMDb (a website that checks the reviews and rates of the newest movies and TV shows), the rate of the film is seriously low. Especially, fans in China have negative opinions towards the film, mostly feeling disappointed at the cast of Halle Bailey. The popular Chinese movie review website, Douban, evaluated the movie 5.1 out of 10. The opinions of the users of Douban mostly include the message that they are shocked that Ariel is depicted as black which breaks their recognition: Ariel should be white. A similar sentiment expresses the astonishment of the main characters in Japan and Korea. On the other hand, there are also other opinions that the decision of Disney to set the minority as the main character is politically correct. The film director also previously said that the film is not about racism but trying to focus on storytelling and hired Bailey for her talent. Among these controversies about the cast of black people, I understand both sides who see the changes of the main character in a positive view and who perceive the changes as negative. To be frank, I am close to the people who consider negative. Including me, most people have indeed remembered Ariel as a white person as we commonly see in the storybook. Therefore, it deserves that people who believe the main character is white be astounded. The new challenge of Disney to appoint the main character of a minority is worth being praised, but the sudden change of the main character could make people freak out. I, hence, strongly think it will be better for Disney to engage the black when making the new film that has no misleading for the people, rather than breaking the frame of the belief: that Ariel is white.

article: <"The Little Mermaid' tanks in China and South Korea amid racist backlash from some viewers>, CNN





## Newspaper Clippings



### South Korea reenters UN Security Council after 11 years

Topnotch 20th Jinhui Suh

South Korea was elected as a non-permanent member of the United Nations Security Council (UNSC) for a two-year term last June 6th, 2023. Being the only candidate nation in Asia, 180 countries voted for Seoul in favor among 192 member states in an election held at the U.N. General Assembly in New York, the United States. It has been 11 years after returning to the UNSC, last sitting on the council in 2013-14. In fact, this is the third term on the Council, including the previous seat for a year in 1996.

The Security Council is composed of five permanent members and ten non-permanent members who serve for two-year terms. While the United States, the United Kingdom, France, China, and Russia, the permanent members have veto power to block any decisions or resolutions, the non-permanent members do not have the same veto power as the five permanent members. However, they can participate in discussions and votes on issues prior to the Security Council.

The South Korean Ambassador to the United Nations, Hwang Joon-kook, expressed great satisfaction with the support received from numerous member nations during the election. He said, "We will do our best to contribute to world peace, freedom, and prosperity through diplomacy based on universal values, the principles of the U.N. Charter, and by expanding cooperation with developing countries."

The five recently elected countries, which include Algeria, Guyana, Sierra Leone, and Slovenia will take the place of Albania, Brazil, Gabon, Ghana, and the UAE as non-permanent members of the UNSC. South Korea, as one of the new components, is anticipated to correspond to North Korea's nuclear development issue as well as other international security challenges. South Korea's return to the UNSC will allow it to expand its diplomatic horizons. Being a non-permanent member, South Korea will be able to make a more active voice in the Security Council's discussions on the Korean Peninsula, including in response to North Korea's nuclear threats. As the reputation of South Korea is increasing rapidly day by day, I believe the event of taking up this non-permanent seat once again, proves the significance of the country and the spirit that impacts globally throughout the world.

article: <S. Korea wins seat on U.N. Security Council for 2024-25>, Yonhap News

### They are now called champions

Topnotch 20th Jueun Choi



The main character of the Champions League, which just ended the league, was Manchester City. The Premier League, which also finished before the Champions League, was also dominated by Manchester City. For Manchester City, winning the UK's biggest league Premier League and Champions League was a blessing. Even Manchester City has experienced a Premier League win, but it's the first time they've won the Champions League, so Manchester City fans cheered for their first Champions League win. Not the Manchester City fans, but the players were also moved by their first win of the biggest league, and some of them had the happiest smiles in the world. Manchester City, which didn't just come to an all, won three consecutive victories. Following the Premier League, Champions League. He also won the FA Cup. This is Manchester City, where you will have the happiest time compared to any team at this time. Fans' pleasant predictions that Manchester City's heyday may be coming back are also attracting a lot of attention. The distribution of fans in Manchester City is wide enough for people who don't know football to know Manchester City. Manchester City's three-game winning streak is expected to make it even more popular. In addition, the ransom of the players from Manchester City, especially the players in this final selection lineup, is also expected to rise. We support the bright path of Manchester City. In the future, I hope that the players of Manchester City will show a better side with confidence in their achievements. Manchester City Their possibilities still shine like diamonds. Premier League: Clubs agree new measures to address rise in anti-social behaviour

article: <Premier League: Clubs agree new measures to address rise in anti-social behaviour>, BBC



### Environment and humans are paradoxical

Topnotch 20th Nayun Kim



Global warming, which is getting worse day by day and does not show any improvement, is walking in the same era as us. Global warming is a phenomenon in which the global surface temperature rises. According to scientists, only one degree or less of the Earth's surface temperature is safe, but our Earth's surface is in a dangerous state of 1.5 degrees. Soaring temperatures have a lot of impact on us from global warming, and now the Arctic is undergoing climate heating faster than any other part of the planet. In conclusion, "In the summer of the 2030s, ice in the Arctic Ocean could disappear." If the ice melts, the habitats of polar bears, walruses, and penguins living in the Arctic will disappear and become endangered. In addition, they say that disadvantages such as atmospheric circulation and the deterioration of storm routes will outweigh the advantages. To overcome global warming, we can practice it in our daily lives. One of them includes saving electricity. But there is a country where saving electricity is difficult. Singapore can't live without air conditioning. Singapore's heat is said to be the greatest invention of the 20th century that not only has air conditioning become a lifestyle, but it has also transformed a hot country. However, experts describe Singapore's love for air conditioners as dangerous and vicious. Paradoxically, more people use air conditioners as global warming can make the world hot. But more usage makes the world hotter. Singapore is also working for the environment of ceiling fan lights to reduce energy use. These articles were articles that made me think a lot about the environment. When I was in middle school, I read an article about the end of the world due to global warming. I didn't believe it was true and I thought it was unlikely. However, I seriously thought that humans' attitudes toward the environment were not easily changed and that they might truly come to an end, and I even thought about Mars, the near future. It is all thanks to the environment we have protected that we can breathe clean air. However, we think that we ignore, forget, and forget the environment under the pretext of being busy taking care of ourselves. I think global warming is also a phenomenon created by human greed. There are many things that we can fully practice in our daily lives to save the environment. With this opportunity, I want to live my days thinking about the environment and help protect the environment.

article: <Arctic Ocean could be ice-free in summer by 2030s, say scientists - this would have global, damaging and dangerous consequences>, THE CONVERSATION



### Pandas from China gone to the USA are returning.

Topnotch 20th Yunji Huh

China has long used so-called panda diplomacy to help foster relationships with other countries. In this situation, Ya Ya and Le Le arrived in the Tennessee city in 2003 on loan. But in recent times, Memphis Zoo has been grilled by Chinese netizens over accusations that Ya Ya and Le Le had been mistreated during their stay. It followed allegations - rejected by the zoo - that the pair had suffered physical and mental diseases. A video posted by animal advocacy groups In Defense of Animals and Panda Voices last year showed the pandas pacing in circles. The groups said the animals appeared to have lost fur and weight, and called for them to be "returned to China before it's too late". And there was renewed anger in China after 25-year-old Le Le's death in February. Online, people started pressing for Ya Ya to return to China earlier. But Chinese experts flew to the US after Le Le's death and, along with their American counterparts, drew an initial conclusion that he had died of heart disease. They also checked on Ya Ya and determined she had a good appetite and stable weight, other than suffering hair loss due to a skin issue. As a result, the zoo announced they the pandas would be returned to China as an agreement with the Chinese Association of Zoological Gardens had come to an end. This is the story of Pandas which were sent away to USA by China. China sends them to help foster relationships with USA. But USA didn't care them completely, then Chinese netizens said many words about it. I think giving pandas to help foster relationships is not right way. Pandas are animals and they need to live in a proper habitat. So China have to stop sending Pandas to other countries. If they cherish their Pandas and want to protect them,

article: <Chinese eagerly await return of panda from US zoo>, BBC



## Newspaper Clippings



### Transmedia- what is it and what do the fans think?

Topnotch 19th Sinbi Kim

SM Marvel Studios and DC studios are famous for their comic book storylines made into movies and TV shows. Some video games are being made into movies and TV shows. Most of their stories have a lot in common. , the HBO series of the video game with the same name, was a hit. 's storyline was created by comic books, the video game, and some downloadable content mixed together. The success of the show got people focusing on a term called transmedia storytelling. Transmedia storytelling is a fictional story that is told across multiple media platforms. Transmedia content is flooding the entertainment industry. An example is Star Wars. The main story unfolds over nine films. However, more information and pieces of the story are presented in other movies, television shows, comic books, novels, and video games. Interacting with only one aspect of the franchise wouldn't give you the whole experience. Many other examples of transmedia can be found- The Matrix, The Hunger Games, Star Trek, Pokemon, The Walking Dead- and the trend of transmedia content is getting more and more popular. Some of the reasons why the popularity of transmedia is increasing is because of the guaranteed fandom and income. However, some people say that they are exhausted of their favorite movie or TV show expanding in different platforms, and ruining the genuinity of the original plot. Me personally, as a Marvel/Disney fan, think that transmedia has many positive aspects, and I love seeing my favorite characters appear additionally in sequels or prequels. However, too much expansion and distortion of the story will lead to backlash and will not receive as much love for the series as when they only had the original story.

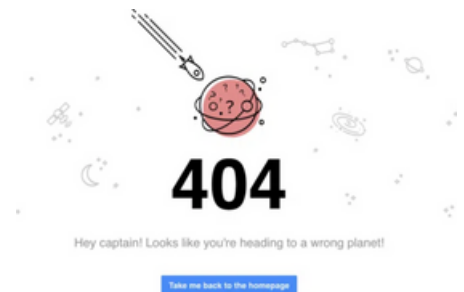
article: <What Is Transmedia? Transmedia Storytelling Explained>, the MARY SUE

### AI erasing evidence of war crime

Topnotch 19th Elin Jin

AI has erased war crime evidence from social media platforms from the past till now. Platforms have removed videos and images by the hands of protecting users from harmful content. However, some organizations such as human rights organisations, citizen journalists, and researchers claim that evidence of potential human rights abuses is getting deleted. Alan Rusabri who works for the Meta's Oversight Board claims that the industry has been 'overcautious' in its moderation. To give an example, Ihro Zakharenko, a former travel journalist who was in Kyiv in 2022, took multiple photos of women and children being shot dead by Russian troops. Once he posted the videos online, the platform deleted them within a minute. Ihro claims "Russians themselves were saying those were fakes, [that] they didn't touch civilians, they fought only with the Ukrainian army,". The US Ambassador spoke up for this issue, Ms Van Schakk, the US Ambassador for Global criminal justice claims "We need to create a mechanism whereby that information can be preserved for potential future accountability exercises. Social media platforms should be willing to make arrangements with accountability mechanisms worldwide.". My personal opinion towards this article is that deleting war crime evidence from society is certainly wrong. Just as citizens have the right to express their opinions on social media, videos that show their personal experience about war and the casualties they witnessed should not be deleted based on the decisions made by the AI. Some opinions state that there should be regulation on the platforms so young children are not exposed to violent videos or pictures. I do agree with this point however, just like how the article suggested a solution to restrict the view to adults only, I certainly believe that through these types of solutions, there is a way to keep evidence of war crime and to not affect children negatively. In short, by summarizing this article and expressing my thoughts about this issue, I would like to bring awareness to this issue so more people will learn about it and have an interest in war crime even if it is over.

article: <Premier League: Clubs agree new measures to address rise in anti-social behaviour>, BBC







### What scientific actions apply to beauty tools

Topnotch 19th Hyojin Park



LG Electronics has jumped into the specialized sector of personal beauty devices, a growing market that has largely been off the radar of Korea's biggest tech firms. The company best known for white goods like washing machines unveiled four beauty devices under the brand name "Pra.L" on Monday. The devices allow customers to take care of their skin at home and include such futuristic gadgets as a plastic mask with a "Robocop" look that lights up when a user puts it on and a zapper that emits electric currents to tighten skin. The light-up mask, called "Derma LED Mask," uses infrared light to enhance skin tone and elasticity. The mask has a rubber frame that grips the face, and LG Electronics recommends wearing it for nine minutes per use. The company says the mask has gained approval from the U.S. Food and Drug Administration. A tool called "Total Lift-up Care" offers at-home microcurrent treatment, in which a small electrical current is sent through the skin to lift it and improve elasticity. A "Galvanic Ion Booster" similarly uses an electrical current produced by chemical action to assist in cosmetics absorption. The tool works by warming up gels, lotions or creams on the skin. A fourth product, a "Dual-Motion Cleanser," has a brush at the top of the stick that vibrates vertically and horizontally to clean skin. LG Electronics says it is targeting a demographic of beauty-conscious consumers who want to receive dermatological treatments but don't have the time or money. "I have been to a dermatologist once, but I couldn't make it to a second round because I didn't have much time," Seo Young-jae, senior director of home entertainment at LG Electronics, said during the launch event in Seoul on Monday. The idea of entering the personal beauty device market first came during a visit to Japan four years ago, he said. "I saw a range of at-home beauty gadgets from leading tech device companies at a smallish store in Japan, but we didn't even think about doing it then," the LG executive recalled. "Returning home, I spotted Philips, cosmetics giant L'Oreal and smaller players selling them, and up to 80 percent were non-Korean." Seo noted that LG Electronics already had the core technologies needed to develop beauty devices and expressed hope of synergy with its retail affiliate LG Household and Health Care, which manages a number of cosmetics, health care and soft drink brands. In the longer run, LG Electronics wants to link artificial intelligence and big data technologies to home beauty products and collaborate with other cosmetics producers, Seo said. The company estimates that the market for this segment has been growing at an average pace of 10 percent annually in Korea and is currently at 450 billion won (\$397 million). It wants to grab a share of the pie currently dominated by foreign brands. The global market also has a bright outlook. Persistence Market Research expects the global market for personal beauty devices to reach \$54.2 billion by 2020 from \$19.4 billion in 2014. Key players in the market include Nu Skin, Panasonic, P&G and L'Oreal.

article: <Arctic Ocean could be ice-free in summer by 2030s, say scientists - this would have global, damaging and dangerous consequences>, THE CONVERSATION



### The Super Mario Bros. Movie review: 'Lazy and for fans only'

Topnotch 19th Yujin Seo

This article is a review of the new animated film "Super Mario Brothers Movie." It talks about disappointment in movies despite the lack of impressive animation and humor, memorable lines or attractive moments. This article criticizes the long sequence released from the game that slows the plot compared to other movies based on video games. The review also mentions the film myth's lack of logic and its focus on accumulating references to fans devoted to the game. Mario Brothers' game and its characters, the worldview is really famous and popular enough. However, the filmmakers believe in their popularity too much and think they have not been sincere about the movie. Just considering their fandom, I don't think they even thought about gathering other fandom. However, from the article, many fans seem to be disappointed by the quality, fun, and development process of the movie. I think it's because I'm as disappointed as I believed.. I saw the trailer myself. The visual beauty is definitely outstanding. I haven't finished watching the movie, but what's clear is that it's below expectations for fans, or for fans who liked it to some extent. In order to suffer from these failures and not lose their fandom, the top companies must always make steady efforts without losing their original intentions. They should not think that people will like whatever they do, but should continue to try to improve.

article: <The Super Mario Bros. Movie review: 'Lazy and for fans only'>, BBC



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- TOPNOTCH X Sedal collaboration project

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Co-Lab와 커스텀과 함께  
**지속가능성을 추구하다**

*Reclaim, Reimagine, ReCastify*  
A/S 보증 기간 이내에 새 제품으로 교환 가능

**이 안에 사람있어요!**

욕설  
폭행  
협박  
인신공격

우리의 건강을 책임지는 간호사 뒤에는  
로봇이 아닌 사람이 있습니다.  
이들의 따뜻한 마음을  
당연함으로 치부하지 말아주세요.

SEDAL X TOPNOTCH

**“독도는 우리땅!”**

**독도, 잊혀진 보석! 우리의 자랑, 세계의 눈길을 끌다**

서글픈 독도의 풍경, 그 미소는 잊히지 않는다. 이곳에 담긴 우리의 아픈 역사와, 희망의 미래는 마음을 감동시키는 순간을 만들어냈다. 독도, 우리의 자랑과 통일의 꿈이 함께 어우러진 눈물 속에 감춰진 아름다운 이야기를 함께 나눴보자.

독도, 한국과 일본 간의 역사적인 영토를 둘러싸고 있습니다. 한국의 국민들은 오랫동안 독도를 20세기 초, 일본의 침략 행위로 인해 국외로 빼앗겼다고 믿어왔습니다. 현재에도 두 나라 간의 주권 분쟁이 계속되고 있습니다. 현재, 독도는 한국과 일본이 함께 관리하고 있는 영토입니다. 이 지역은 지리적으로 중요하며, 지역 주민들은 독도를 역사와 문화의 보물 창고로 여깁니다. 독도는 한국의 자랑과 통일의 꿈이 함께 어우러진 눈물 속에 감춰진 아름다운 이야기를 함께 나눴보자.



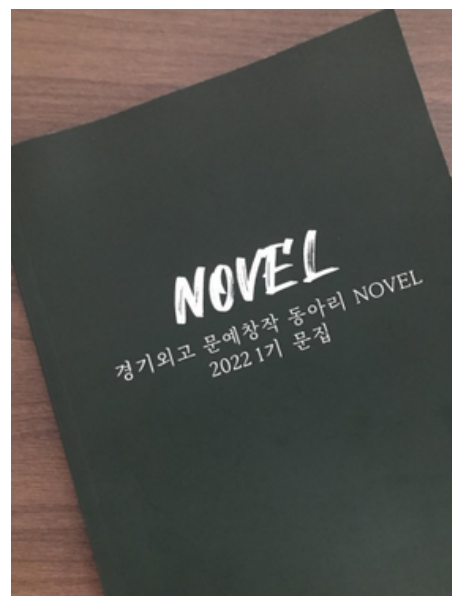
## GAFLian Interview

### Pursue your dreams in GAFL- an interview with Novel's president/founder Chaeyoon Park

Topnotch 19th Sinbi Kim

GAFL is a student independent school with many diverse student clubs. There are many student founded clubs that were established for pursuing students' own dreams and interests. One in particular caught my attention, a literary club called Novel. It was only founded in 2022, but for only being active for a year, the club seemed to have impressive results. Also, it is also known for having many members of 45 people, from the freshmen to the seniors. I got to interview the president and founder of the club Novel, Chaeyoon Park. I asked her how she got to think of creating a club and some tips on actively pursuing one's dream in GAFL. From this interview, GAFLians can take a glimpse on Chaeyoon's thoughts on Novel, and learn how to balance pursuing your dream and school work and grades.

(T- Topnotch, P- Park)



T: Hello, can you briefly introduce yourself?

P: Hi. I'm Chaeyoon Park, the president of Novel. I'm a junior in GAFL.

T: How did you come to create the club Novel? What were your intentions?

P: In my first year in GAFL, I searched for clubs related to literature. Since there were no other clubs that seemed to be studying literature, I decided to create a literary club at the start of the semester. So I submitted the club opening application form to create a literary sub-club (서브동아리).

T: Did you know that so many students would sign up for your club?

P: Actually I was worried that I couldn't meet the minimum number of people, but to my relief, many students joined the club. I was surprised.

T: What kind of activities do you do in Novel?

P: We take turns on posting our literary work such as poems or short novels on our Instagram page. At the end of the year, we make an anthology that consists of all our work during the year. Also, we hosted the Novel literary award this year. It's a competition held in our school. We actually had many more things in mind, but unfortunately many of them didn't go as planned, so I'm looking forward to the next semester.

T: What did you want to achieve when you first created this club?

P: I wanted as many students as possible to become interested in literature. I think I achieved this primary goal successfully.

T: When did you feel most proud or happy while working in Novel?

P: I think the moment I felt the most proud was when we published our first anthology last year. Getting a lot of attention through our Instagram posts felt nice, but publishing a real book full of our members' work felt really special. If we get to sell the books or raise money from publishing them, I would be delighted.





## GAFLian Interview

### Pursue your dreams in GAFL- an interview with Novel's president/founder Chaeyoon Park

Topnotch 19th Sinbi Kim

T: Did you have someone that helped you in Novel?

P: I think that Yebin helped me a lot as vice president of our club. She helped put the anthology together, and also helped me in a lot of other ways.

T: Was there a moment you felt depressed or down in Novel? How did you figure out how to solve this problem?

P: The thing that's bothering me recently is that the juniors aren't meeting their deadlines well. I understand that they must be tired from school work during the semester, but once they get behind, the schedule becomes tangled up. That's why I am a bit stressed about this.

T: For what reasons or route do new members join Novel?

P: I think our promotion for the club was successful, and led to a lot of freshmen signing up to Novel. On top of our advertisement poster being appealing, our Instagram page had history of our work from last year, which proved that Novel was an active club, unlike many other clubs that didn't have visible evidence of club activities.

T: Now we will ask some questions about you, and about your life and values. What are some things in GAFL that you do to achieve your goals or dreams?

P: I recently began to visit the school library often. Our school library has a lot of books for reference, so even students who aren't really interested in literature can visit the library and have a meaningful time. It would be a great opportunity to build your knowledge. Also I write etudes- practice writing from time to time.

T: Isn't it hard to manage time during the exams? How do you manage to do all your studies?

P: Well, it's okay to start studying for Korean History and Social Studies (사회문화) exams a week before the test, so... (laughs) I guess I kind of loosen the pressure on school grades. I tend to procrastinate for a while. I think it's important to focus on your studies in ASG time.

T: You are known for not doing late night study hall (심야 자습). Why do you think studying in your dorm (침대 자습, 캐비닛 자습) is better than studying in school (심야 자습)?

P: You don't need to waste your time moving from the dormitory to the school building. Also, I only study late at night right before an exam, and it's not often.

T: Is there anyone you look up to or would like to be someday?

P: There are a lot of novelists I admire. One of the novelists that I think GAFL students would know is Kim Ae-Ran (김애란 작가님). She is my role model. Her pencraft is beautiful and her way of constructing narratives is unique, but is universal in a way. I want to take after her writing skills.

In terms of life, I am thankful for my homeroom teacher from last year, Mrs. Baek Young-Ok. She encouraged me a lot. Unlike evaluating a person based on grades that you get from an exam, unearthing one's potential is not easy. However, Mrs. Baek encouraged me on my course of study and gave favorable feedback to me, so I decided I wanted to help others the way she helped me.

T: This interview is going to be shown to the whole school. Do you have any words to say to them on finding one's dream?

P: Like it says on the first page of our anthology, like a masterpiece starts from one idea or sentence, if you don't let even a small chance slip and chase after it in your life, you can find your dream.

A special thanks to Chaeyoon Park.  
GAFL 19th, Sinbi Kim



## GAFLian Interview

### Pursuing Dreams, Enduring 'OUCH' : GAFL WOMEN's Lacrosse team

TOPNOTCH 20th, Jinhui Suh

During the lunch and dinner breaks, it's common to see GAFLians playing catch with their lacrosse stick in one hand. What sets GAFL apart from other schools is that we are the only one with a proper lacrosse field. This very field has become the heart of the lacrosse community, where our dreams take shape, relationships with friends and seniors are built, and our sweat is shed. As we enter the second semester, there are new members of OUCH, along with the existing members, who are ready to embrace the unique challenges of lacrosse. In this exclusive interview, we will delve into the world of OUCH, uncovering the dreams and dedication that drive a remarkable team.

The first interviewee is GAFL 20th Hyewon Park from the Japanese Department

Q. Why did you decide to join OUCH in the second semester?

A. Like the phrase "jump on the bandwagon," I became interested in lacrosse since my friends had applied. I thought it would be a good exercise but didn't consider taking part in the lacrosse club, OUCH. Likewise, at first, I didn't sign up because I wanted to, but because of my friends.

Q. What was the most memorable thing from playing lacrosse for about a month?

A. Sure enough, it was running the match. When I was first asked to get involved in the game, I wasn't aware of what positions there were or any rules I have to follow. However, with the help of OUCH members, I was able to understand what lacrosse was all about. As I enjoy working out, it was fulfilling to sweat and run around the field.

Q. Would you join OUCH if you could go back to the beginning of the first semester?

A. I would definitely be a member of OUCH as I want to play better in the games. I regret not exercising at the beginning due to my current low level of stamina. At that time, I didn't register for the women's lacrosse team, thinking it would take away my time to study. On the contrary to my concern, I wish I had joined the team earlier since there are a lot of takeaways from learning lacrosse that you cannot experience elsewhere.

Q. Final word to domestic students who are considering being part of OUCH.

A. Honestly, it's all about time management and concerns of intense exercising since I had the same worries. Nevertheless, building up stamina to study is also crucial in school where you don't have enough time to exercise. In addition, you'll be able to feel how rewarding it is to play a sport that you enjoy.



The next interviewee is PreDP 14th Taeyeon Kim, an existing member of OUCH.

Q. How does lacrosse differ from other sports?

A. The slogan of lacrosse is "Lacrosse makes friends." So it's a sport where you don't see other players as an enemy, but as fellow sportsmen who play the same sport. If someone is hurt during the game, everyone instantly stops playing and goes down on their knees, facing the injured player. There is also a culture of players running to the goalie (not the coach) at the end of every game, hugging him or her to show respect for the trust they have placed as the most important position of the game. We ran to thank the goalie for enduring all the tension and pressure. This culture is especially unique to lacrosse, and I think it's possible, thanks to the respect we all have for each other.

Q. What is the difficult part about playing lacrosse?

A. Lacrosse tends to be more technical and takes a longer time to master and become used to the skills than other sports. For instance, cradling, which is similar to soccer dribble, is the most basic, but the most difficult for my friends who are new to lacrosse. It also took a long time for me, and I still have to work on developing it. There are countless skills such as shooting, ground ball, fake, screen, and other hard nuts using the centripetal force of the ball.



### Pursuing Dreams, Enduring 'OUCH' : GAFL WOMEN's Lacrosse team

TOPNOTCH 20th, Jinhui Suh

Q. What would you like to say to the current OUCH members as you have lots of experience from the summer league to the tournament in Japan?

A. I would like to say enjoy playing lacrosse! It's true that lacrosse is a tough sport. But in some way, I think it's the easiest sport to enjoy both on and off the field. I also believed that lacrosse would be a waste of time since it takes up my ASG time. However, after I changed my mindset to find pleasure as much as possible and relieve all the stress I had during my studies. I have gained a lot in managing my own stress and have become more aware of the value and enlightenment that lacrosse offers. To OUCH members, "Lacrosse is a lot of work. Nevertheless, let's enjoy it and get help in our school life. Let us win the high school league again!"

Q. What are your future goals with lacrosse, both within and beyond OUCH?

A. In the short term, I'd like to be selected for the national youth lacrosse team next year. I traveled to Japan with the national team this year and learned so much. The connections I've made through lacrosse have broadened my horizons. I learned a lot about mindset and attitude from the coaches I met while training for the national team. I also keep in touch with my Japanese friends from the tournament in Japan. On the contrary, in the long run, I want to improve myself a lot internally. While lacrosse does help with fitness and health, the biggest thing I've noticed is that the more I learn, the more I keep challenging myself. For example, whenever I play games at practice, I set goals, such as scoring two goals or attempting at least two left-handed cradling. This gives me a sense of accomplishment and to take a proactive attitude. Overall, I want to play lacrosse for as long as possible to grow and push myself to the limit.



As we wrap up our interview with the members of OUCH, it's clear that the spirit of lacrosse runs deep in the veins of the remarkable team. Their commitment to their sport, school, and each other is truly inspiring. Whether it's the intense thrill of a game-winning goal or the enduring friendships forged on the field, the world of lacrosse at GAFL is one that enriches the lives of all who step one step closer to their dreams.





## GAFLian Interview

### Interview with Gaflians pursuing their dream - Members of IB Committee

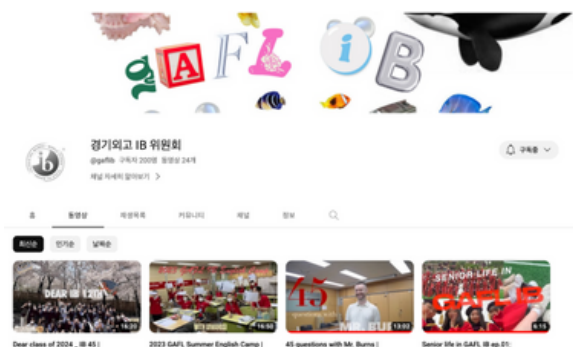
TOPNOTCH 20th, Yunji Huh

Starting from 12, September 2023, a newspaper writing club TopNotch, held an interview with the topic of “Gaflians pursuing their dream”. Members of the club were allowed to interview any of whom that correspond to the subject for the interview regardless of the club, status, and committees they stand. With the wide range of fields, I decided to interview 3 members of the IB Committee, each belonging to the Department of Academics, the Department of Artifex, and the Department of Justice. The interview was conducted from 19, September 2023 to 21, September 2023, and each was asked about the activities they take ownership of and benefits acquired from such activities related to their goals/dreams.

Q. What activities do you conduct for your department and how could such activities enable you to achieve your dream/goal?

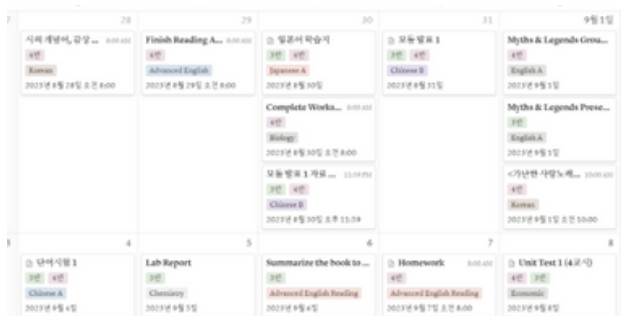
Hyolin Kim (Department of Artifex, IB Committee)

As a newly joined IB Committee member, I feel grateful to be chosen to talk about my department in the committee. Our main goal is to promote the IB program at GAFL through online platforms such as the IB Committee’s instagram and the YouTube channel. We make posters relating to the programs run by the IB Committee and create videos from start to finish about multiple topics ranging from academics to comedy. These activities, although it does not directly relate to my dream of possibly becoming a culture diplomat, give me the chance to understand the ways to effectively promote ideas and opinions, draw attention to aesthetically pleasing things as well and cooperate better with my partners such as the members in my department. Appropriately using media and good communication is such an important part of my future job and I believe I am already learning a lot from my seniors how to do so.



Seoyeong Lee (Department of Academics, IB Committee)

I’m involved in the Department of Academics within the IB Committee, which aims to enhance the academic excellence of my peers. As a member of the DOA (Department of Academics), we mostly manage our academic schedules along with sharing notes for students who crave the review. The competition that held soon, known as “Quiz Night” is also controlled by the DOA. Although for the stacks of work, each activity has its own valuable meaning since conducting such activities gives me motivation to endeavor. As working towards sensitivity is crucial for me to be an accountant, I could confidentially say the DOA offers lots of programs correlating with my dream. Overall, IB Committee that I belong to, bestows volunteerism and responsibility for each member, highlighting the value of humanism.



Suji Chang (Department of Justice, IB Committee)

Hi, I’m one of the members of the Department of Justice in the IB Committee. Reflecting on the undertakings I conducted through the DOJ (Department of Justice), I learned the significance of “responsibility.” Since the crucial mind in terms of participating in the role is to be an inspiration, this mind was set to the other fields, too. Moreover, I could enhance leadership by commanding students to perceive the rules and collecting peers in a room for uniform checks. Overall, I ensured DOJ (Department of Justice) boosted my ability to lead people, which interconnects with my dream job: a teacher, along with giving motivation for hard work.

The interview highlighted that each member explicitly perceives the roles that they take control of within the IB Committee and actively interconnects their personal goals/dreams with the activities they conduct. This demonstrates the endeavor and passion each member conducts, striving for their aims.

# TOPNOTCH 2023

President | Sinbi Kim, 19th  
Vice President | Yujin Seo, 19th

## Members

Hyojin Park, 19th  
Yeonwoo Jin, 19th  
Jaewon Lee, 20th  
Chaeun Lee, 20th  
Jueun Choi, 20th  
Nayun Kim, 20th  
Yoonji Huh, 20th  
Jinhui Suh, 20th





2023 GAFL Topnotch  
Topnotch 19th X 20th

# GAFL TIMES



Study Internationally at GAFL  
경기외고로 유학오세요

# 2023

Gyeonggi Foreign Language High School