

2021

English Newspaper by Boin High School Students

THE BOIN TIMES



Standing on the Shoulders of Giant Boin

| Creative Experience activities at Boin | Facts and Information about Metabus |



BOIN HIGH SCHOOL



BOIN HIGH SCHOOL

Renew everyday,
with justice,
and beneficence.

Boin High School inspires students with passion for learning and to succeed in all they wish to accomplish while contributing to the global community.

To learn more,
visit <http://boin.hs.kr>.



"An SAT grade isn't the only thing measuring your value.
I'm telling you that it's just one of the world's numerous standards,
and if you find fields that you can do well in and work hard in,
you'll definitely become a great adult."
Seo Jung Min, Page 08

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Chairman of Daejoo Educational Foundation Mr. Kim Seok Han



Think Big! Dream Big!

Changing the Crisis of COVID-19 to an Opportunity for Change

Changes caused by COVID-19 are likely to continue as a new paradigm of “New Normal.” If it’s an irresistible change, you need to regard it as a chance to get the wisdom of what opportunities will be created. Concepts such as “Untact,” “Metabus,” and “AI” have not suddenly emerged. This is the result of challenges and the spirit of practice. Students who have difficulty adapting to changes cannot beat students who have thoroughly prepared for 2022 with newly established habits. You must all be the latter.

The Size of Your Thoughts Determines your Future

Companies such as Facebook, Apple, Amazon, Netflix, and Google are called “FAANG.” Creative ideas, constant challenges, passion for dreams, and grand imagination are their strongest weapons. What is the future you dream of? The size of your thoughts and dreams is proportional to the result of your achievements.

I want to visit school often but I’m sorry I can’t do that because of COVID-19. I wonder what meaningful articles will fill 2021’s Boin Times. I would like to express my support and encouragement to the English Newspaper Club members.

Kim Seok Han,
Chairman of Daejoo Educational Foundation

Foundation

Renew everyday

To renew everyday means to drive for the better tomorrow through continuous learning. If every member of the society seeks progress, the society will be able to take a major step toward building a better, a more civilized community.

With justice

With justice means ‘honesty’. Only when everyone is honest can we build a healthy society that can walk the right path. Hence, Boin High School endeavors to educate our students the value of honesty.

Beneficence

Boin High School values charity. This is not necessarily restricted to donations, but rather incorporates the value of looking after each other during times of difficulty. We believe mutual relationship is the engine that keeps our society alive. For that, Boin High School cherishes beneficence.

Ever since I was inaugurated as chairman of Daejoo Educational Foundation, I was fully dedicated in providing the best learning environment for our students. I was able to bring outstanding teachers from across the nation and transformed Boin into an acknowledged academic high school. Today, every corner of Boin is filled with proud members of the community. Words cannot express my gratitude, and I look forward to the vast future that lies ahead of Boin! There is no doubt that with the support of all members of the Boin community, including students and teachers, Boin will continue to grow as one of the most accredited schools in South Korea. Thank you.



Students nurture all manner of relationships with peers and teachers.

GREAT SCHOOLS have GREAT BENEFITS



The school band is invited to perform in various external events.



Digital tools are used for interactive online teaching and learning (including online and offline simultaneous classes) amid the coronavirus pandemic.



Debate contests always give students a creative platform to express what they feel about an issue.



The Boin soccer team lifts many championship cups at national competitions every year.



Mentoring activities are active, based on a strong relationship between graduates and students, or between seniors and juniors.



Despite the COVID-19 pandemic, students are using the cafeteria in a safe and clean environment.

Message

Principal of Boin High School Mr. Kim Jong Hwan



We cultivate talented persons who combine academic ability with right personality.

Welcome to the Boin Times!

As a private school with a tradition of more than 100 years, we are doing our best to cultivate democratic citizens with confident skills and right personality under the school mottoes of “Renew everyday,” “With justice,” and “Beneficence.”

Boin High School promises students and parents several things. First, we will raise you as a person with a good personality. We will raise you as a person who cares about friends and respects adults, and a person who looks at the difficulties around you first. We will raise you as a person who is strict with yourself and generous to others. The school offers a variety of personality education programs, including various programs that allow students to look back on themselves in all spaces where they live, and the School Development Forum where students and teachers share ideas for a better school life. We also run volunteer programs to practice true volunteer work such as Sorokdo Volunteer Work and Kkotdongne Volunteer Work.

Second, we will raise you as a talented person with competence. We will not just produce students with high grades, but adults who can solve problems on their own. Our school will raise you as a leader who can overcome a crisis step by step without being frustrated when facing difficulties. The school has set up an environment where students can improve their skills day by day with vision, such as selective curriculum, step-by-step career programs that apply systematically from admission to graduation, and continuous mentoring activities with graduates.

Third, we will raise you as a student who can be proud. A fun class with teachers who have both skills and passion, and dynamic school curriculum created by open-minded students and teachers communicating freely, are already boasted by many students. In addition, all members of the school are voluntarily working to create a school without violence and bullying. We will make you think positively of going to school when you open your eyes in the morning. When thinking of school after graduation, all faculty members, including the principal, will work together to create a school that everyone can experience.

All readers! Please continue to watch our school develop. And please do not spare generous support and sincere advice. I hope you are always healthy and full of happiness. Thank you.

*Kim Jong Hwan,
Principal of Boin High School*



Interview with Teacher Seo Jung Min

Park Jun Seo and Song Ji Won interviewed Mr. Seo Jung Min, the head teacher of the education & research division at Boin, and he shared the core value and strengths of the school.

Q1. You had worked for Samsung C&T, but now you are teaching students. What are the differences between a company and a school?

A1. Uniquely, I worked for a company called Samsung C&T for about five years from 2005 to 2009. But that was 15 years ago and Samsung has changed a lot now. So I'll tell you that the Samsung I'm talking about is the old Samsung. First of all, since both schools and Samsung are bureaucracies, there will be some authoritative aspects, so I worked according to the logic of the organization rather than individual characteristics. I have heard that it was very authoritative until 7 or 8 years ago. The common point was that Samsung and Boin High School were bureaucratic in that everyone had to sacrifice toward the school's goals rather than the opinions of employees or students. The company has the purpose of generating profits. Schools, too, have various purposes in sacrificing, making

concessions and being dedicated to many things for their purpose. People often only think of college admission, but in fact, high school does not exist just for that. Because you are growing and developing, the school respects the diversity of individual members and students. So companies and schools are different, and in this respect, the school seems to be much more fun and enjoyable.

Q2. Can you give us some tips for studying Social Studies and Economics?

A2. To give you a social studies tip, I don't think the subject of society is a memorization subject. In particular, in the case of an integrated society, I think it is not about memorization, but about gaining a benefit by looking at our society. It is a subject that you can use to learn many values

that you need to have to grow into a desirable democratic citizen. Therefore, this is not for memorization, but you should be able to understand and practice it in your life. Unfortunately, many people have believed since middle school that society is a memorization subject. So, I hope that students will not focus on memorizing and that our integrated society will not just produce school records. What if the integrated society is not a 9th grade subject, but a subject to study for a lifetime? It's okay to give such a difficult question. So I hope it will be a social studies subject where you learn desirable values in your life. It's not a study tip. It's not a test tip, but I told you it is a desirable social subject.

Q3. What are the necessary habits to be a rich person?

A3. First of all, I'm not rich. It's hard to tell you anything about being rich because I'm not rich, but we learned how to manage assets from the integrated society book of first-year friends. Even if we are not poor, we may not have money someday when we need it in our lives. It will be hard to live like that, so you need to manage your assets so that you can have a stable economic life. It is important to earn money through a job, but it's important for money to be increased, too. It's asset management to boost your financial circumstances. So I personally think it's essential to be interested in stocks or bonds and invest with extra money.

Q4. Have you experienced any changes in the classroom due to COVID-19?

A4. The biggest change is that I can't see you face-to-face. Since we're wearing masks, we can't see each other's faces, and I'm sorry that the students' whole facial appearance didn't meet my eyes. We have to look at each other, call each other by our names, and talk, but I think the most regrettable thing is that the masks cover us.

Q5. Face-to-face classes are expanding recently. How do you feel about that?

A5. In fact, it's best to take classes in the classroom like this. We breathe together in the same classroom and make eye-contact, and in fact, further, talk more. But as I said earlier, it's still a pity about the masks. Nevertheless, we talk in one space and receive instant questions. Personally, I think that a class is a living creature. While teachers and students interact in class, I think face-to-face classes are much better in that we deal with more content than expected.



Q6. What do you do in your spare time?

A6. I'm actually a really boring person. My school life was a 'blank,' and also when I was in my previous job I only worked hard. I'm working at school, too. So basically, I like working, but maybe, if I have to name a recent hobby, there are many teachers who like sports at Boin. With those who like to exercise and are good at it, I'm running these days every morning, which is my hobby.

Q7. Last words to Boin High School students!

A7. Actually, Boin High School is a tough place. Since it aims for the purpose of entering college, it will be very difficult to get prepared for school exams and Korean SAT grades. However, that grade isn't the only thing measuring your value. I'm telling you that it's just one of the world's numerous standards, and if you find fields that you can do well in and work hard in, you'll definitely become a great adult. Adding to this is the experience at Boin. The experience of working hard on something will definitely serve as the basis for you to grow further when you become adults. It may be tough right now, but if you enjoy this pain well, you'll have a better opportunity.

Park Jun Seo (2-1)

Song Ji Won (2-9)



Students’ Opinions about Boin-I

Choi Jung Woo and Choi Tae Rim write about a website Boin-I, and analyze the strengths & weaknesses of it.

Boin-I is a website used by Boin High School to provide class materials and to enable students to submit assignments online. These days, as the number of online classes increases due to COVID-19, the use of Boin-I has increased. In this situation, we conducted a survey of what students think about Boin-I.

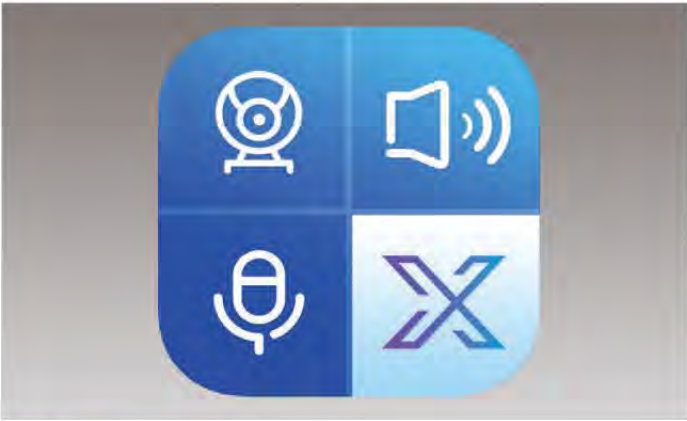
The part which was surveyed to be the most convenient is the ability to apply for participation in programs and school meals. By

connecting to Boin-I and clicking a few times, we can quickly check and apply for various school-related programs from anywhere. Another good thing is that the items are organized systematically. It is easy to find what you want because of the classification of items into notification applications, subject classes, creative experience activities and class bulletin boards, after-school activities, self-directed learning, etc. Also, various functions such as diverse data, easy notice and information check, a design that is easy to understand, character counting and automatic saving were voted for as good points.

The difficulty in finding the data, on the other hand, was chosen as what needs to be improved. Students thought that the reasoning in classifying the postings is not logical because the location of postings for submitting similar assignments is different for each teacher and finished postings are not arranged. To solve it, Boin-I should be equipped with a search function and should delete finished posts. Also, Boin-I should have a reduced number of types of bulletin boards to allow teachers to use one type. The lack of a notification function is also cited as a problem. There are many cases where students miss an assignment they have to submit since they forgot to do it. That is the students’ fault, of course, but if Boin-I has a notification function, most students will be able to submit their tasks on time. Accessibility (not searchable on Naver), font modification, frequency of the server being down, and inability to use right-clicking were selected as other points to be improved.

We are also users of Boin-I, and we agree that it is easy to use it to apply for plenty of applications. However, I think it is clear that Boin-I needs to be improved in organizing data and featuring a notification function. By carrying out the above solutions, not only can it complement the weakness of Boin-I, but also maximize a strength (various data and a well-suited design in Boin-I).

Choi Jung Woo(2-6)
Choi Tae Rim(1-5)



Platforms that Can Replace Ez-View

The COVID-19 pandemic changed the ways of interaction in schools. Joo Sung Il writes about various platforms for online classes.

1. Boin’s Ez-View online class is a platform that was created according to the online class policy after the spread of the Corona virus last year. In 2020, when the first online classes were conducted, most schools used it. Although more platforms are being used now, Ez-View is still widely used. There were a lot of bad reactions from the beginning, because the server crashed too often. It is a platform with a lot of errors, but it is also the most popular platform.

2. Zoom is a platform used for telecommuting and live classes. It was created in 2011, but its demand has increased rapidly since 2020, after the coronavirus. With it, you can use many functions such as chatting, group meetings, voting, raising hands, and screen sharing. Basically, it is free, but if 3 or more people use it for more than 40 minutes in one session, you have to pay a fee. Zoom also has a fatal disadvantage, which is security. Users’ personal information and passwords were leaked and the security method was weak.

3. Google Classroom is an online learning system launched in 2015. Advantages are that it is free, it is easy to set up, it is good for time-saving, it is tidy, and it is easy to communicate with other users. On the other hand, the disadvantages are that it takes a long time to upload photos or videos, and there are many times when assignments cannot be submitted. Compared to ‘Zoom,’ there is no risk from hacking or leakage of personal information, so this part is getting favorable reviews. Boin High School is also using Google Classroom for online physical education classes.

Joo Sung Il(1-4)



The Effort of Boin High School for Freshmen-Career Exploration Programs

It is finding a career that is most important to a freshman in high school. A career that you find in high school influences your whole life. So Boin High school offers you the program that helps you search for your career. Let’s take a look at it.

BOIN’s 8th Period Program- The Student Record Coaching Program

Most students of Boin High school choose to take the 8th period program. If they apply for it, they’ll have four options ? studying by themselves, mentoring, group study, and taking the student record coaching program. The application for all these programs can be made on Boin-I.

Among the options, the student record coaching program helps students know what to do for their career. If they choose that program, the teachers in charge will give them a lot of information about the student record and guide them through the direction of career activities. The student record coaching program is divided according to categories (Humanities, Social science, Business, Natural Science, Engineering, Medicine, Police University/Military Academies, Special College of Science). For instance, if students want to take a business class, they can register for the program focusing on that field. Also if they have an interest in engineering, they can apply for the one dealing with it. Any student who didn’t sign up for this program during the first semester has a chance in the second semester.

[Comment] Through this program, you can compare good and bad student records thereby setting the direction of your school life and career activities. In addition, you can get information about college entrance examination. I recommend this program to the students who don’t know how to manage their student record to enter the department they want.

Non-Contact Lecture Program

These days, because of COVID-19, it has been difficult to meet many people. Thus, Boin High School implemented the Non-Contact Lecture Program. Like other programs, students can register for the lecture they want to take on Boin-I. During a lecture, students watch videos introducing majors at colleges as well as the videos of interviews with experts in each field. After taking the program, students write and submit a report, which will help to make their student record better.



[Comment] From this program, you can gain detailed and various information about your hope-for major. Besides, you can learn abilities you need to achieve your dream and it will motivate you to work hard for it. I recommend this program to students who haven’t yet chosen their university major.

Career class

According to the normal school time table, Boin High School’s students take a Career Cass once a week. In this class, they usually participate in career search activities as follows.

(1) Three-minute Speech

Boin High School’s students give a presentation about their career field or what they are interested in. By preparing for a presentation, they are involved in active career exploration in which they can collect plentiful information and data. This is especially helpful for ones who haven’t made a career decisions yet, because they can find their future career through investigating the topic of their interest.



[Comment] Through research, you can get information you want to know more about your career or interest. If you haven’t decided on your career, this activity will be useful to find what you really want to do in the future. After this, by exploring your career ideas further, you can choose a specific major.

(2) Reading books

In deciding on a career and acquiring knowledge about it, it is very helpful to read books which are related to your interest. However, many high School students have no time to read extra books, because they are too busy studying. At Boin High School, students are given time for reading books in Career Class. At the beginning of the school term, they have to choose a book related to their interest or career. Then they keep reading the book every week, through which knowledge about their career becomes richer.

[Comment] You can experience various career fields indirectly through reading books. It will increase your understanding about the business world and future career options and help you determine your career more intelligently.

As you can see, there are various career exploration programs for freshmen at Boin High School. There are plenty of opportunities, so if they have determination, students searching can discover their career path. For students who have already decided on a career, these programs will be the chance to develop and shape it. Ones who want to design an ideal future where they want to live should take these programs.

Choi Tae Rim(1-5)



Mentoring & Group Study Program for 2nd Grade Students

Choi Jung Woo writes about some authentic study programs which can maximize the learning effects through active interaction with each others.

Boin High School provides its own unique programs, Mentoring & Group Study Program, which involve students for effective self-study through cooperation in the 7~8th period. Reading the details and real reviews from the participating students, you might be likely to join in these programs.

The Mentoring Program is a one-to-one study that connects mentors, who have good grades in each subject, and mentees, who need help in their studies, so as to lead all of them to improve their learning competence. Specifically, students who have difficulties in understanding the content of a subject can receive their friends' help to figure out the content more easily and solve problems they do not know the answer for. For helping students, in addition, there are advantages such as favorable mentions written in student records for having a willing and passionate learning attitude, and volunteer work hours for assisting other students.

Interview with Ha Hyoung Jun

Q : What subject are you participating in?

A : I'm participating in English.

Q : Are you a mentor or a mentee?

A : I'm a mentor.

Q : What are the advantages of this program in your opinion?

A : Explaining English, I got the effects of reviewing and improvement in my own English grades.

Q : Is there anything in this program you would like to see improved?

A : I hope more time will be provided so that mentors and mentees can consult enough to adjust the curriculum properly for each other.

The Group Study Program is a program in which several students gather and learn together with a common goal, discussing the learning problems and studying with each other. In order to take part in this program, students need to make a group of 3 to 6 to share a lot of opinions with each other. By asking one another, students are able to complement each other's weaknesses. This can also be documented in their school records, which verifies their team spirit in group study.

Interview with Lee Seung Min

Q : What is your study group aiming at?

A : Raising our math score by 1 grade level, and I succeeded at it.

Q : What are the advantage of this program in your opinion?

A : I think it is the autonomy with which we can adjust the curriculum and choose the questions we want.

Q : Is there anything in this program you would like to see improved?

A : I think 1 hour a week is not enough, so I hope some more time would be provided to us.

I participated in the Group Study Program as well. I think it is quite motivating to have a common goal and study with my friends. Furthermore, I can improve my grades. I hope you will join these programs, too.

Choi Jung Woo (2-6)

2020~2021 Boin Timeline

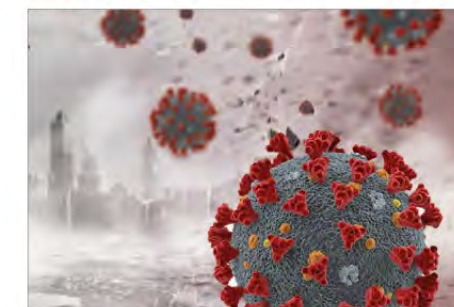
The Covid-19 pandemic changed Boin's timeline dramatically. Looking back on our 2 years of school life, Song Woo Hyun gives opportunities to prepare for 2022.



From 2020 to 2021, what happened at Boin High School?

(Let's take a look at the timeline!)

2020



Jan 20th ▶ The first COVID-19 confirmed case occurred in South Korea.



April 9th ▶ Amid the ever-worsening COVID-19 situation, seniors started the new semester using an online platform.

2021



Mar 2nd ▶ Unlike last year's freshmen, this year's freshmen started school with face-to-face classes.



Apr 10th ▶ The school band (Crossroad) appeared on a radio broadcast.



May 20th ▶ Students participated in a non-face-to-face special lecture program where they took lectures from experts in each field to explore their careers and interests.



Jul 28th ▶ The Boin High School soccer team won the 54th Presidential Gold Cup National High School Soccer Tournament.



Aug 31st ▶ The central entrance was decorated with paintings of teachers painted by freshmen.

Song Woo Hyun (2-3)



School Violence Prevailing in our Society

Hot Potato: School Violence Having a Way of Coming to the Surface

Obviously, the hottest issue in the first half of 2021 was Korean celebrities' school violence scandals. Initially, it was triggered by the incident of bullying by volleyball players Lee Jae Young and Lee Da Young, which swept the sports and entertainment industries. Also, Soojin left idle because of the disclosure about her past involvement in school violence. The actor Jisoo admitted that he committed that crime, too.

Innocent People Falsely Accused of School Violence

In some cases, unfair things happen, as shown in cases of setting up an innocent person as a perpetrator of school violence in which the common purpose is financial gain. After accomplishing this goal, those who claim to suffer from bullying often delete the disclosure posts and go into hiding. To fight back against being victims of false revelation, celebrities and their agencies sue for defamation (the action of damaging the good reputation of someone).

Obstacles Faced in Punishing Perpetrators of School Violence

I'm afraid it's not that easy. It's actually difficult for the perpetrators to be held responsible for past school violence. Mostly, this is because of the expiration of prosecution time limits. In the case of assault, insult, or intimidation, the time limit of prosecution lasts for five years, and for special injury crimes ten years at the most. In addition, if a perpetrator is a juvenile delinquent, Chokbeop-Sonyun in Korean, which refers to a boy or a girl, from 10 to under 14 years old, who commits an act contrary to the penal code, he or she is not held criminally liable, being a minor based on the time of the act.

Prevention of School Violence

The way to eradicate school violence in our society can be largely divided into two aspects: improving individual awareness and developing social institutional prevention. First of all, victims of school violence often do not inform their neighbors of the damage. In order to create an atmosphere where people around the victims can be informed of it, we need to make a huge difference in the social atmosphere by improving students' perception. To achieve this, campaigns for school violence prevention and prevention education are essential. However, even if the victim courageously announces the damage from school violence, there are cases where secondary damage occurs. That's because the end of punishing the perpetrator is resocialization, not the punishment in itself. Thus, it is required to keep an eye on both victim and perpetrator with the help of an SPO: School Police Officer. Let's look at ways to tackle school violence in terms of social institutions.

The government, the National Assembly, continues discussions on the issue of school violence prevention. Chung Chung Rae of the Democratic Party of Korea proposed a partial revision to the 'ACT ON THE PREVENTION OF AND COUNTERMEASURES AGAINST VIOLENCE IN SCHOOLS', which protects student athletes by immediately reporting violence by the perpetrator, who is also a student athlete, in the jurisdiction of the Office of Education. In addition, the revision of the School Violence Prevention Act, proposed by Rep. Kim Jung-jae of the Republican party of Korea, focuses on preventing school violence and protecting victims. The amendment also calls for the Minister of Education to research and develop school violence prevention programs and guidelines that reflect students' opinions. Furthermore, the government is working on policies to eradicate school violence. Along with this, the Ministry of Culture, Sports and Tourism and the Ministry of Education have deliberated and voted on ways to eradicate violence and promote the protection system for sports human rights. They said that they would raise awareness by employing zero tolerance of school violence.

Foreign Countries' Policies dealing with School Violence

The US is well known as the country applying a ZERO TOLERANCE principle. In the state of Wisconsin, a bill has been passed to impose fines on the parents of students who engage in abuse. According to the bill, first of all, in the event of school violence, a warning is issued to parents of the perpetrators to educate their children. If the perpetrator's behavior does not change within 90 days after getting warned, a fine of \$366 will be imposed, and if this behavior is repeated, \$681 will be imposed.

Some point out that reinforcing punishment for perpetrators is a follow-up measure against school violence, so there is a limit. Also, they argue that the introduction of an education system which is a precautionary model to prevent the incident is more important. In fact, in most European countries, the focus is on school violence education. For instance, in Finland, a brand-new educational project called KiVa Koulu—meaning 'a school against bullying'—has been launched. Its core is empathy. KiVa is a research- and evidence-based anti-bullying program that has been developed at the University of Turku, Finland, with funding from the Finnish Ministry of Education and Culture. The strong effectiveness of KiVa has been proven scientifically through a large national randomized and controlled trial as well as several different studies. KiVa is being used around the world and it is the world's most studied anti-bullying program.

Experts' Opinion on School Violence

Roh Yoon Ho, the first lawyer specializing in school violence in Korea, stated, "Unlike my school days, I have seen that school violence is being dealt with within the system in various ways. I learned that lawyers' help is urgently needed in school violence-related matters such as school

violence cases regarding the School Violence Committee, juvenile protection cases transferred to the police, administrative trials and administrative litigation decisions," I believe that as school violence incidents are becoming multifaceted these days, in terms of ways that perpetrators employ in bullying, the demand for lawyers who someone can seek for legal advice on school violence cases will surge. According to Chung Wan, a law professor at Kyung Hee University, in terms of punishing the perpetrator, it will be difficult to legislate to punish past school violence for reasons such as the statute of limitations. Regarding sports players, however, whether they have engaged in past school violence should carefully be investigated and judged.

Opinion

Recently, the "Stop!" campaign became a hot topic among students. I think the reason why this campaign has become a mockery is the "gap" from actual school life. Simply put, it's not realistic. In order to prevent school violence, it is necessary to provide realistic help to victims from the perspective of insiders who can clearly identify school issues and friend relationships among students, not outsiders creating a seemingly plausible solution. As I mentioned, the current school violence prevention measures amount to little other than formal things. There is a huge gap between 'CAN'T' and 'DON'T'. Legal systemization is needed to enable strong punishment for perpetrators. Currently, ACT ON THE PREVENTION OF AND COUNTERMEASURES AGAINST VIOLENCE IN SCHOOLS has been enacted and is in effect. Based on "Article 17 (Measures on Aggressor Students)," you may take any of the following measures (including where the head of a district office of education is requested to take multiple measures simultaneously): 1. An order to give a written apology to a victim student; 2. Prohibition against making contact with, threatening, or retaliation against a victim student and a student who has reported, or

The School Violence Issue

School violence does not end with graduation, but still affects the lives of perpetrators and victims by 'Me Too' revelations. Koo Hyun Woo introduces some cases of celebrities and presents his own opinion.

In 2021, there were several revelations about school violence related with celebrities. Many people were outraged about the cases, and other matters associated with them also started to get attention. Additionally, institutional things that are related to school violence also came to public notice. I'm going to describe some well-known school violence cases.

The first celebrity's school violence incident is controversy over Seo Soojin, an old member of the K-Pop group, (G)I-DLE.



In February, 2021, one netizen revealed that Seo Soojin was a perpetrator of school bullying, by leaving a comment on one Instagram post about school violence. Afterwards, some additional disclosures were posted. At first Seo Soojin's side denied the disclosures and asserted that she did not commit school bullying. However, more revealing posts were made public, and Seo Soojin's affiliated corporation

notified others about, school violence; 3. Service to a school; 4. Service to the society; 5. Completing a special educational course or receiving psychological treatment from experts from within and outside school; 6. Suspension of attendance; 7. Change of class; 8. Transfer to another school; 9. Expulsion from school. Also, school violence punishment in the form of "Mend the barn after the horse is stolen," must be stopped. In the event of school violence, it is also important to severely punish the perpetrator. Yet, the best thing is that there is no perpetrator; that is, no school violence. In this aspect, the government's intensive budget investment is urgent. The government-led school violence prevention campaign is a great help in preventing school violence. As a student who dreams of becoming a prosecutor, I want to work hard to educate the perpetrators of school violence. We all want to eradicate school violence in Korea so that victims can adapt to school again and the perpetrator can be reborn as a new person. I want to create a world where children can go to school happily. Nothing is more important than protecting children, young shoots growing into healthy plants.

Park Jun Seo (2-1)

References

- <https://www.korea.kr/news/reporterView.do?newsId=148884712>
- <https://www.hankyung.com/entertainment/article/2021022205444>
- <https://woman.chosun.com/mobile/news/view.asp?cate=C01&mcate=M1001&nNewsNumb=20210375006>
- <https://www.hani.co.kr/arti/culture/entertainment/986613.html>
- <https://m.lawtimes.co.kr/Content/Article?serial=168402>
- <https://www.wikitree.co.kr/articles/621929>
- <https://www.innews.com/news/202103221259362924>
- <https://www.joongang.co.kr/article/23996235?home>
- https://biz.chosun.com/site/data/html_dir/2017/09/08/2017090802333.html

announced their position, which says that she will tentatively end her career in K-Pop. Despite this announcement, the controversy over whether or not Seo Soojin was guilty of school violence or not lasted and, in the end, the corporation that Seo Soojin was affiliated with stated that she decided to withdraw from (G)I-DLE. Even after Seo Soojin dropped out of the group, the dispute about whether or not she did was guilty did not end.

The second case is about the incident of volleyball players and sisters Lee Jae-Yeong and Lee Da-Yeong.



This controversy started with one netizen's revealing post which is about the netizen having suffered school bullying by Lee Jae-Yeong and Lee Da-Yeong. Lee Da-Yeong had previously posted some phrases criticizing the other player on her personal SNS, and acted as if she was a sufferer because of that other player in the past. Because of this shameless attitude, the netizen revealed the incident.

After this, other claims of abuse were also revealed. The volleyball club that Lee Jae-Yeong and Lee Da-Yeong were affiliated with decided to suspend their careers, and the Korea Volleyball Association suspended their qualifications as members of the national team indefinitely. However, Lee Jae-Yeong and Lee Da-Yeong accused the sufferers who revealed the fact that the sisters were bullies, and behaved with no introspection. Thus, public opinion of Lee Jae-Yeong and Lee Da-Yeong became worse and, at this point, people are enraged at the sisters' attitude.

Comment

Some of the disclosures about the celebrities' school violence are being revealed even now. In my opinion, people should not harm others, and celebrities especially should be careful about this issue because they have relatively greater social influence. In other words, I think celebrities should be more alert to school violence, and try to show exemplary attitudes considering the influence they have.

Koo Hyun Woo (1-7)



Metabus' Security Problems and Solutions

Metabus will be a new platform that will dramatically change our way of life. Choi Si Young analyzes security problems that rapid development will bring and presents solutions to them.

Metabus will be a new platform that will dramatically change our way of life. Choi Si Young analyzes security problems that rapid development will bring and presents solutions to them.

Currently, the theme that attracts public attention after COVID-19 is "Metabus". Metabus is a compound word of Meta and Universe, which means a virtual world linked to reality.

Among the many companies that have entered the metabus business, Facebook is so serious about metabus that they changed their company name to Meta. Meta announced that they would invest \$50 million and invite privacy experts to build a safe metabus. Moreover, state governments are trying to protect consumers. CCPA, VCDPA, and ColoPA are representative examples. It seems that they are empowering the protection of consumers' privacy by adding public power, but it is not yet at a stage to be relieved. Rather, it is more likely to think that more risks are lurking in the future. Let's look at the various risks.

First, more personal information will be collected in order to provide users with a richer, more realistic, and stable experience. The virtual reality devices that will be used have various equipment such as microphones, cameras, and motion trackers. This equipment collects information such as the user's location and image. Various chatting, text messaging, and credit card information is also collected as a bonus.

Second, attacks (hacking) can increase. Before Metabus became an issue, IoT was a hot topic. We have come to realize that they have become hackers' attack tools and this continues to this day. Metabus is also a new technology, after all, and caution is needed because new technologies always contain new vulnerabilities.

Third, in order to increase the sense of reality in the implemented virtual world, detailed tracking of users' information is inevitable. In the process, even sensitive behavior of users will be tracked. For example, a hacker who is after you may acquire the necessary information just by observing your avatar for a while.

Finally, Metabus is expected to provide abundant opportunities for social engineering attackers. Studies show that 98% of cyber attacks are intertwined with social engineering attacks in some form, and if hackers access victims' 3D modeling and digital motion tracking data, they can create exactly the same existence as victims in metabus space, which can lead to advanced social engineering attacks. There have already been two cases of fraud that deceived victims by generating voices with artificial intelligence technology.

Metabus technology is still in its infancy. Therefore, hackers will move to seek an vulnerabilities before the security of Metabus is established. Unfortunately, the fight between hackers and security experts is always led by hackers, so the most important thing is the role of users waiting for Metabus. It is because consumers can most effectively control companies that produce metabus platforms in a free market system. Therefore, if consumers strongly insist on what they expect from Metabus, companies will also plan reliable technologies such as youth protection, screen recording, time-limitations, spyware and tracker detection and removal, and stalker prevention.

I finish this article hoping that proud Boin people will be wise users of the upcoming Metabus world.

Choi Si Young (2-10)



Hacking: Reverse Engineering

Hacking is still evolving in various ways. Choi Si Young writes about hacking by reverse engineering and analyzes two ways to prevent it.

Starting from simple techniques such as guessing users' passwords or accessing open networks, hackings using advanced technologies such as malware and server vulnerability analysis has been increasing. Therefore, more advanced precautions are required in line with this trend of upgrading hacking methods and technology. Among these hackings, the most powerful one is Reverse Engineering. What is reverse engineering, and what are the ways to prevent it?

"Reverse engineering is a powerful hacking technique that can allow hackers to access the application's source code, manipulate apps and control other devices associated with apps."



Reverse engineering is the process of identifying the principles by which an application or system is created, through structural analysis. In other words, it reverses the software production process and changes the memory content of the software's files or processes. Therefore, reverse engineering is a powerful hacking technique that can allow hackers to access the application's source code, manipulate apps and control other devices associated with apps. Moreover, while doing that, hackers can disguise fake apps as original apps.

There are two main ways to prevent reverse engineering. One is encryption and obfuscation techniques to disrupt reversing. In this case, the difficulty of analysis can be increased by putting dummy data into the operation binary or by

duplicating multiple functions that play the same role. The other way is by using a program that blocks every access to the debugging program itself, which is required to reverse a particular app.

However, there is no way to completely block reverse engineering, and hackers and security experts are continuing a tight battle between spears and shields at this moment in time. It is obvious that hacking technologies will be advanced in the future, but I think security technologies will continue to develop through combination with various fields such as deep learning.

Choi Si Young (2-10)



▲ image 1) Brain-Computer Interface

As neuroscientific and electronic technologies progress and research continues, scientists and engineers are trying to create new technologies that can go beyond the limits of humans' brains. Among such technologies, the most actively researched application of brain engineering technology is BCI. What is a BCI?

1. What is a BCI?

A Brain-Computer Interface (BCI) is a computer-based system that acquires brain signals, analyzes them, and translates them into commands that are transmitted to an output device to carry out desired action. BCIs enable their users to act on the world by using only brain signals without controlling the muscles themselves.

The Birth of BCI traces back to the 1970s. Vidal attempted to use neuronal signals in a person-computer dialogue. Initial progress in BCI research was slow and limited by technologies and our scientific knowledge. In the 1980s, people could control the movements of an image or spell words on a computer screen. In the 2000s, people are allowed to act accurately with BCIs. BCI research is growing extremely rapidly.



▲ image 2) The BCI concept suggested by Vidal



▲ image 3) BCI that people could control simple tasks in 1980s



▲ image 4) a more technically accurate BCI

2. How does the BCI work?

BCIs detect and quantify brain signals, and then translate them in real time into device commands to accomplish the user's intent. A BCI system consists of 4 phases.

(1) Signal Acquisition

Brain signals are measured using electrodes attached to the scalp. Then, the signals are amplified, filtered, digitized, and transmitted to a computer.

(2) Feature Extraction

This process involves analyzing the signals and distinguishing signal features from extraneous content.

The Infinite Possibilities of Our Brains

Living in a new era of human-computer interaction, computers are being combined with our bodies and minds through BCI. Song Woo Hyun writes about BCI and explains how to expand its boundaries in the future.

(3) Feature Translation

The resulting signal is passed to the feature translation algorithm and it converts the signals into the appropriate commands.

(4) Device Output

The commands operate the external device such as a computer, a smartphone, or a healthcare device, with several functions like cursor control or robotic arm operation.

3. Uses and problems of BCI

BCIs have rich prospects in many ways. They can be used to replace function for people who have been disabled by severe disorders, such as those who have suffered strokes, nerve injury, or those who have Lou Gehrig's disease. They can also improve rehabilitation for people with some disorders. BCIs are also available for IoT (Internet of Things) control, mobile applications, and video content. We will be able to drive and control our cars with BCIs. Furthermore, one of the most anticipated applications of BCI is 'the BCI game.' From the perspective of entertainment, BCI has huge potential when combined with VR, virtual reality. BCI games can range from functional games such as games for strengthening concentration or preventing dementia to video games that make us fully immersed.

However, BCIs have ethical issues. Some people say that they don't want to be the watchdog of neuroscience and that neurotechnologies can be used for commercial interests. Some ethicists argue that there are questions of anatomy and that BCIs can affect people's personality changes. Also, privacy will be a big problem. Digital neural data can be stolen by hackers or used inappropriately by companies. To solve these problems, standard protocols are implemented to ensure safe information matching with BCI users.

4. The Future of BCI



▲ image 5) an example of the BCI used in the game industry

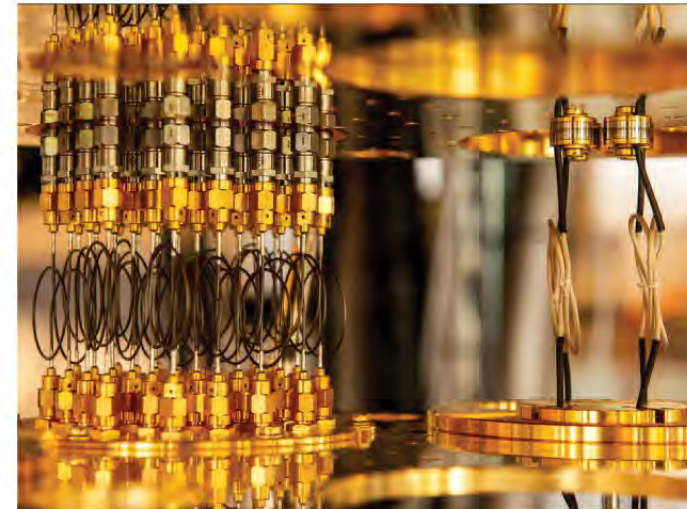
The dream of controlling one's surrounding environment through thoughts without any motion had been the subject of SF novels or movies, but now the advance of technologies has made it possible. I think that BCIs are very useful to us and will be widely related to our lives in the future. Not only will they be used to help the disabled or patients, but also we will be able to play a completely new and surprising type of game. We may rely

heavily on BCIs in the future, just as today's people do on the Internet and various smart devices.

Song Woo Hyun (2-3)

References

- www.ncbi.nlm.nih.gov/pmc/articles/PMC3497935/
- www.nature.com/articles/d41586-019-02214-2
- image 1) www.nature.com/articles/s41587-019-0231-y
- image 2) medium.com/@ariet_54253/the-internet-of-thoughts-43f1ce20d571
- image 3) link.springer.com/article/10.1007/s12152-019-09409-4
- image 4) www.skyhighpartyrentals.com/virtual-reality-treadmill
- image 5) www.emotiv.com/bci-gaming-world-of-warcraft-2/



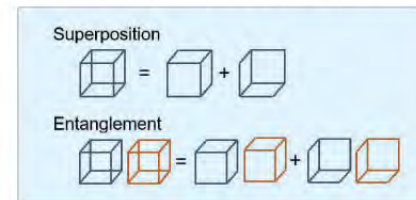
Revolution of Computers, Quantum Computers

"Quantum computers" is a commonly used term, but many people misunderstand it. Kwon Min Jun explains how quantum computers work easily.

What do you think of when hearing the phrase 'quantum computers'? Does it seem like a more complex form of classical computers that can exceed super computers? If that is the case, you are certainly misunderstanding it. A quantum computer is a different kind of device based on the science of quantum physics. Let's look at the principles of how this system works.

How quantum computers work

The two fundamental principles of quantum mechanics are the quantum superposition and entanglement. Easily put, a quantum superposition states that two or more quantum states can be added and can create another valid quantum state. This shows the numerous possibilities quantum computers can have. A quantum entanglement is a physical phenomenon that sets the position of other particles automatically when one particle is observed. This happens even if they are separated by a large difference, which means that they are not individual particles. It can be said that this is the key factor that separates classical and quantum physics.



The greatest benefit of quantum computers is that they are incredibly fast and effective. They can perform calculations in a few seconds for which today's supercomputers would need decades or even a millennium.

Yet, this information alone would be too inadequate to understand the complex process. Comparing with the classical computer would make it easier to understand. Quantum computers have 3 major differences with classical computers. First, a quantum computer calculates with qubits, but classical computers calculate with transistors. A qubit can represent 0 and 1 at the same time, while a transistor can represent either 0 or 1, which makes qubits more efficient. Second, in quantum computers, power increases exponentially in proportion to the number of qubits. However, in classical computers, power increases in a 1:1 relationship with the number of transistors.



▲ quantum computer (left) / classical computer (right)

This fact can clearly be seen in the graph above. Third, quantum computers are usually used for data analysis or simulations while classical computers are well suited for everyday processing.

The pros and cons of quantum computers

Now that we have got a grip on what quantum computers are, let's look at the advantages and disadvantages of them. As can be seen in the features of quantum computers, their greatest benefit is that they are incredibly fast and effective. They can perform calculations in a few

seconds for which today's supercomputers would need decades or even a millennium. This fact has more significance than it appears to have, since we are generating more data now than ever before, and we need to analyze that data in more complex ways and get results out faster. Despite this immense benefit, there are still things that need work before full commercialization. As their systems are so complex, quantum computers' size is very bulky and expensive as well. The condition for maintaining their systems is also very intricate since they have to be kept at an extremely low temperature. Even if these problems are solved, there are still more waiting. First, there is a high error rate that developers are still struggling with.



Also, if quantum computers were utilized in our daily lives, the current encryption mechanism would become useless. This means that the data with quantum computers would be safe, but the traditional encryption would be broken easily. Thankfully, there is a lot of work going on trying to solve these issues. In addition to working to decrease the size and make it quantum computers cheaper, researchers are already working on so-called post-quantum cryptography to solve the security issue. With new methods, many of the problems above is are bound to change.



What fields can quantum computers be used in?

Quantum computers can stretch out into domains where normal computers cannot, especially in fields that need quick processing

and the usage of big data. Since they process information rapidly, they can be used to make discoveries in terms of chemical or biological engineering which demand discovery and manipulation of molecules. They can also be handy in the field of AI. Artificial intelligence requires very large quantities of data for making predictions and decisions. If quantum algorithms can be applied (although it still is a remote possibility) in this field, AI can get a lot smarter and there will probably be a groundbreaking change.

The prospect of quantum computing

Quantum computers have the potential to revolutionize computation by making classically unresolved problems solvable. Despite the fact that there aren't any quantum computers that are fully sophisticated, great progress is underway. There are some non-error-corrected quantum computers that are functioning currently, and quantum simulators are also making strides in some fields. Whatever emerges, it is a solid fact that quantum computers and computing will become a highly exciting area. Perhaps it might be as revolutionary as the arrival of computers and smartphones and the growth of the internet.

Kwon Min Jun (1-4)

References

- Advantages and disadvantages of quantum computing in relation to digital marketing | asios
- Quantum Computing Vs. Classical Computing In One Graphic - CB Insights Research
- Quantum Computing: What It Is, Why We Want It, and How We're Trying to Get It - Frontiers of Engineering - NCBI Bookshelf (nih.gov)



LH Speculation: Korea’s Big Economic Conundrum

All scandals are the result of social structural contradictions. Song Won-tae objectively describes the LH scandal and shares his opinions.



Surging house prices and increasing household debt have left South Korea in a very difficult economic problem trap. In March 2021, some employees of the Korean Land and Housing Corporation (LH) were accused of illegal land speculation using insider information about where the next new town would be built. The scandal of land speculation by the officials has been rocking Korean society. The LH speculation scandal is a clear example of the problems of the Korean economy.

The LH speculation scandal was caused by immoral activities of LH employees in a social atmosphere obsessed with real

estate. The allegations emerged after civic groups accused current and former employees of LH of inappropriate purchases. This case is a representative example of the problems of the Korean economy, where real estate speculation is rampant. Real estate speculation is very common not only among high-ranking officials but also among the ordinary people, as real estate often accounts for most of the an individual’s assets in Korea. A surge in real estate prices results in a very large unearned income, much more than the earned income of a lifetime.

The LH speculation scandal is a very serious crime caused by the greed of officials who can easily obtain information on real estate development in Korea’s deep-rooted "real estate undefeated" myth. Because LH is a national institution in charge of housing supply projects for people’s stabilization and housing welfare, it is shameless to exploit internal information and pursue only personal interests.

It has been found that employees of LH had speculated on lands worth about 100 billion won even through taking out a loan. In addition, employees, who knew more trees planted on the land could increase the land’s value, began to buy seedlings in large quantities and plant them. Experts say the purchase of the seedlings in this way shows that the land was purchased not for general purposes but speculative purposes.

This speculative method was a sophisticated and professional technique that tried to evade the regulations of the law.

“Part of why the LH speculation scandal has sparked so much backlash is because it hits a sore spot of Koreans, who have been struggling very hard with soaring real estate prices for years.”

With this incident, Koreans, who were unhappy with the Moon administration’s real estate policy, are criticizing the government’s immature and unstable real estate policy even more. Part of why the scandal has sparked so much backlash is because it hits a sore spot of Koreans, who have been struggling very hard with soaring real estate prices for years. So when the news emerged that some LH officials had used inside information to make money off of land speculation related to a housing project, the public was outraged.

The scandal has prompted President Moon to apologize, and the Land Minister who also served as head of LH until December last year resigned. Prime Minister Chung vowed to conduct a thorough investigation into the allegations. He said, "The government, which is striving to eradicate real estate speculation and stabilize the housing market, is taking this matter very seriously." The government stressed a policy of zero tolerance and declared a strict response, saying it would seize up to three to five times the amount of undue gains. But the prevailing view is that it is difficult to escape the limits of a government-led investigation of its own institutions and officials.



In the end, the scandal hit home for South Koreans amid skyrocketing property and housing prices, and became a major issue in the by-election to choose the next mayor of Seoul. In addition to the Seoul mayor’s race, major political parties in Korea are already preparing for next year’s presidential election and struggling with real estate policies. The reason is that no matter how real estate speculative forces shake the housing stability of our society, ultimately, the government must firstreview the policy issues of the real estate issue

macroscopically and microscopically and take measures to solve them.



It is also important for the government to detect and punish speculative forces through special prosecutors or police investigations, but it is more important to make every effort to prepare a large-scale system to prevent the recurrence of the LH crisis. Experts say that it is urgent to come up with an all-out system to block real estate speculation, including strengthening farmland acquisition, recovering unfair profits from farmland acquisition, and restricting real estate acquisition by people involved in housing and land work. Lee Joon-koo, an honorary professor of economics at Seoul National University, said, "It is very important to control speculators as a punishment," adding, "If we want to solve the problem fundamentally, we should not create public opinion in that way, but focus on reforming the system that creates a situation where the LH situation cannot recur." The people have the right to live in a just and fair society, and the government should not forget that it is obliged to create such a society.

It is a basic right of the people that the state must guarantee housing stability. The government should reform the broken justice and fairness of Korean society right away to protect the basic rights of the people. To this end, the government should recognize and reflect on the failure of real estate policies and provide supervision to come up with stable real estate measures. At the same time, it is necessary to punish speculators and strengthen the recurrence prevention system to prevent incidents such as LH speculation from occurring in the future. Korea’s future will be dark if deep-rooted corruption problems in Korean society, such as land speculation, the immorality of government and bureaucrats, lack of professional ethics and reliability, and concentration in the Seoul metropolitan area, are not resolved.

Song Won Tae (2-1)

References

- https://en.wikipedia.org/wiki/LH_land_speculation_scandal_in_South_Korea
- <http://www.labortoday.co.kr>
- <https://www.peoplepower21.org/PSPD/1787724>
- <https://thediomat.com/2021/03/land-speculation-scandal-grips-south-korea/>



Useful Tips for Investing

Kim Tae Hyun shares his insights of how to invest.



“Knowledge is strength.” This quote is from F. Bacon. Given this, you need to know about investment techniques when you invest.

As you know, Bitcoin’s popularity is skyrocketing, and recently, huge attention is drawn to it. Therefore, many people make Bitcoin transactions and are losing or getting money. Warren Buffet succeeded in making small real estate investments. He invested in retail properties around Nebraska and New York University in Manhattan. It was a great success.



What are some tips to make a lot of money by investment?



First, you should transfer funds after opening a new account. You have to make an account online. You can’t use your funds when

you don’t have an account.

Second, it is recommendable to select a sector, but do not wallow in one sector! Instead, invest in three to five sectors. This is because when one sector goes bust, the other sectors can save it. Here are some interesting sectors in the second half of this year: semiconductors, finance and construction.

The third tip is to select a company within the specific category. For example, in the semiconductor sector, Samsung Electronics is one of the most promising companies. There are some companies that are the signboards for specific categories.



Lastly, mind controlling is essential. In fact, it is the most important thing for making money in investments. You should not panic when you lose money. Just keep calm and wait for your next sector to rise in value. If you panic you can’t make a careful choice. And you have to have a clear head and judgment to make correct decisions.



These are the tips to invest successfully and make a big profit. Using these tips, you can make earnings, but you can also lose money. Thus, if you are going to invest, think deeply and wisely. And you should get more information before you invest. Then you will not lose your money. Good Luck!

Kim Tae Hyun (1-7)



China’s trying to subjugate Korean culture

Many countries try to establish and forge cultural identities through distortion of history. Koo Hyun Woo writes about the examples of the cultural origin distortion in China.

Since a few years ago, China has attempted to subjugate Korean culture. This attempt to appropriate Korean culture has especially become controversial since late 2020. Starting with the distortion of the origin of kimchi, cultural invasions are taking place in various fields, such as food and ethnicity of some Korean historical figures. This phenomenon has been notable on some websites like Youtube and Twitter where people all over the world can make contact, or in media like games that are vulnerable to indiscriminate information. In this confrontational atmosphere between Internet users from China and Korea, the truth needs to be more examined and become known accurately. Therefore, I would like to share some examples.

Kimchi



Kimchi has been one of the most frequently mentioned topics when it comes to this issue. Since November 2020, some of propaganda that says “Korea stole China’s paocai and only changed its name” were shown, and Chinese netizens started to argue that kimchi is China’s indigenous food on some Wikipedia and social media sites. They claim that kimchi comes from paocai, their fermented food, and try to convince others that kimchi is Chinese food. About this groundless statement, the MAFRA (Ministry of Agriculture, Food and Rural Affairs) of Korea declared that kimchi is not related to Chinese paocai. Also, organizations and people from some countries such as the USA and Belgium indicated that they agree with Korean authorities. However, the dispute about the origin

of kimchi hasn’t completely ended and is continuing with additional controversies such as GS25’s labelling kimchi as paocai.

Hanbok



China’s attempt to appropriate hanbok also has been a hot topic in conflict between Korea and China. Although the attempt has been noticed since late October 2020, the assertion about the origin of hanbok has lasted for a long time. What intensified this controversy was the incident related to a game called ShiningNikki.

In November 2020, ShiningNikki tweeted about an event that included an advertisement about the launch of the character’s hanbok costumes. However, at that time, Korean and Chinese netizens were overheated with China’s distortion of the origin of Korean hanbok, and this triggered Chinese SNS users to argue that hanbok is their traditional clothes. It brought rage to from Korean netizens, and in the end, ShiningNikki’s service in Korean was terminated. Even though they prevented this conflict from becoming more severe, the confrontation over this topic between Korean and Chinese still lasts.

K-Pop

In terms of K-Pop, the affair is that some Chinese registered the Korean singers’ music to Chinese singers and groups. In other words, some Chinese tried to pirate the copyrights of Korean songs and turn them into Chinese songs.



This case was publicized through Youtubers, and became a big issue. People examined this after the public discussion, and they found that many Korean singers such as Younha, IU, god, and Brown Eyes suffered a loss by this false copyright registration. KOMCA (Korea Music Copyright Association) stated that, “Further investigation will be conducted to prevent similar cases from occurring in other songs.”

Comment

Apart from these issues, such as Chinese claiming historical and famous Korean things, a historical error in the drama ‘Joseon Exorcist’ and other distortions of history and the origin of cultures have occurred, and this still arises bringing out the conflict between Koreans and Chinese. As behavior like that may cause problems such as loss of culture and national identity, endeavor is needed to block these problems. We have to prevent and stop this perversion and take notice of the correct historical research about materials in media. Moreover, we should advocate for the origin of our culture strongly against China’s unreasonable demands and must know the magnitude of this state and try not to let Korean culture be subjugated.

Koo Hyun Woo (1-7)

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[Review] Gravity



The movie that I will review is Gravity, which expresses the vast and desolate universe realistically. This film features Sandra Bullock as Ryan Stone and George Clooney as Matt Kowalski. It begins with two people exploring space to repair space telescopes. However, they are threatened by an explosion of a Russian satellite. The massive speeding collection of satellite debris hits Explorer and Hubble, pushing Dr. Stone off the shuttle, and she is thrown into outer space. Stone suddenly ran into danger and strived hard to survive. Fortunately, Kowalski soon finds Stone and returns to the shuttle. On their way to the International Space Station, the two talk about Stone's family life and the death of her young daughter. They almost run out of oxygen and fly close to the ISS with little power left. However, the two are on the verge of missing the space station due to lack of batteries to stop. Despite Stone's objection, Kowalski unties his spacesuit to force her to head to the ISS and then he disappears far into space.



▲ Kowalski

The tangled parachute line then makes it impossible to separate the Soyuz from the station when it leaves the ISS. Kowalski enters the capsule as Dr. Stone's consciousness fades. Scolding her for giving up her life, he gives her advice that helps her to attach Soyuz' landing rocket to the capsule and gain momentum to head toward Tiangong. Stone finds out later that Kowalski was an illusion, not an actual appearance, and her will becomes firm. Stone resumes the oxygen supply

and connects the landing rocket so it can move toward Tiangong, which is rapidly moving out of orbit. Dr. Stone bounces out using explosive pressure reduction, then uses a fire extinguisher as a temporary recoil propulsion engine to head into the Tiangong. Stone enters the Shenzhou capsule and finally heads to Earth just as the Tiangong begins being destroyed in the upper atmosphere of the Earth. Looking at the wreckage of Tiangong entering the atmosphere, she takes her first shaky step to the ground, ending the movie.



▲ Tian Gong

It's a movie about accidents and dangers that can happen in space. Thus, when I watched this movie, I could relate to it more and I felt a lot of fear. Unlike the Earth, the universe is the background where survival cannot be guaranteed, so I could understand the meaning, value, and attachment to life more and more. I especially felt a lot of emptiness when there was no sound and gravity. However, you may lose interest if you look for more action in this movie. There are many interpretations depending on one's perspective, so you should consider many things in choosing whether to watch it or not, and the degree of how fun the movie is can vary according to the person's taste.

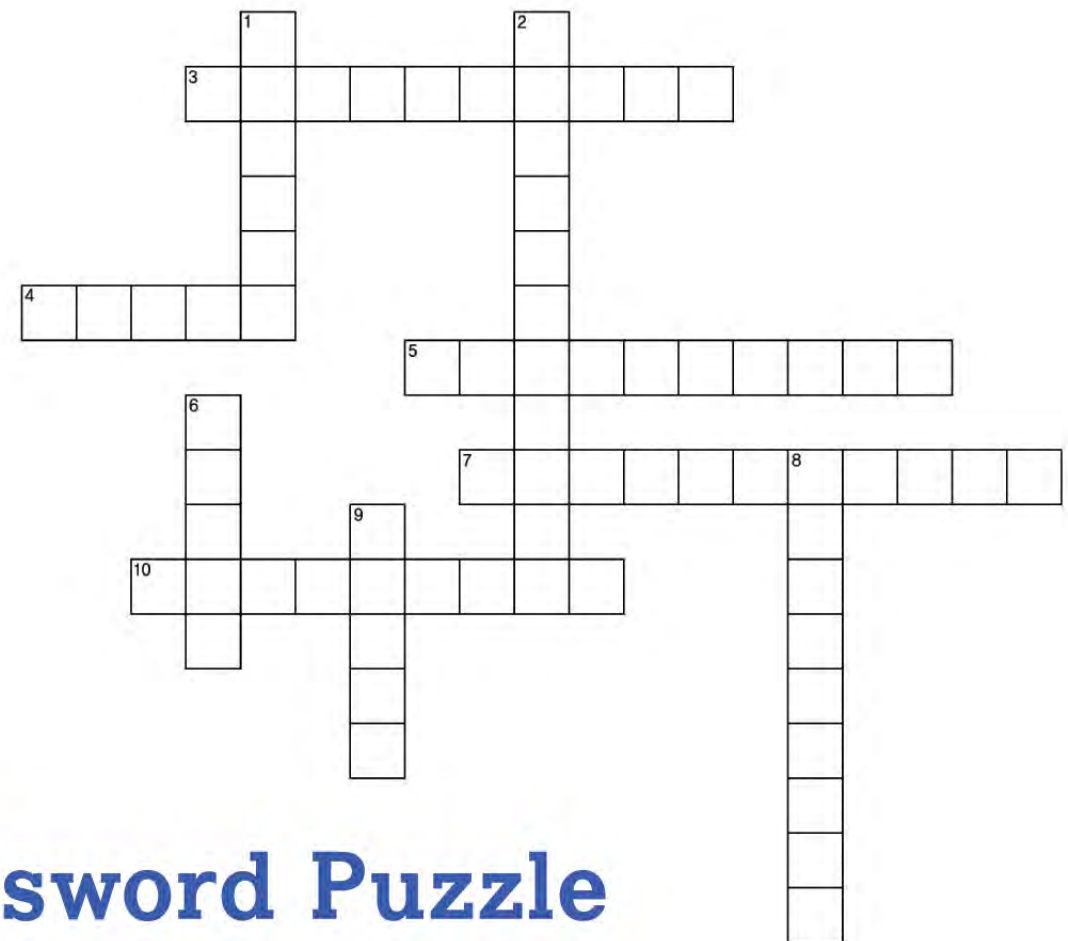
Did you enjoy my review? If so, you can enjoy some movies related to Gravity. I recommend the movies Martian and Interstellar. Martian has something in common in that the main character survives unexpected accidents like in Gravity. It shows life and survival on Mars and arouses people's curiosity, so it is recommended to people who are interested in space and planets. Interstellar begins with a future in which governments and economies around the world have completely collapsed, and there is a global food shortage and NASA's disbandment. Cooper, an astronaut belonging to NASA, plays the role of an astronaut after hearing NASA's secret headquarters plan to find a planet to which mankind will migrate. At this time, a mysterious gap opens up in time and space, and for the mission of exploring this place to save humanity, Cooper boards a spaceship with his protesting daughter behind him. Interstellar is a movie about the fate of mankind.



Does the bag that Stone and Kowalski have, with momentum to swim in space, exist in reality? The bag that enables spacewalk is the manned maneuvering unit

(MMU). An MMU is a backpack propulsion device that allows astronauts to take an adventure that cannot be taken on an orbiting spacecraft. The device is powered by 24 nitrogen gas propellers and its main structure is aluminum. To use an MMU, the astronaut exits the space shuttle crew room through the airlock and enters the cargo room. There, astronauts put on MMUs, escape from flight support stations, and engage in spacewalks. But now MMUs are not being used anymore, and NASA moved it one to its museum in 2001.

Song Ji Won (2-9)



[QUIZ] Crossword Puzzle

ACROSS

3. a person walking along a road or in a developed area
4. bring or recall to the conscious mind
5. represent (something) as being larger, better, or worse than it really is
7. the action of returning something to a former owner, place, or condition
10. succeed in forcing a way into or through (a thing)

DOWN

1. re-examine and make alterations to (written or printed matter)
2. (of a material or article) allowing light to pass through so that objects behind can be distinctly seen
6. a leader or ruler of a people or clan
8. the power or right to give orders, make decisions, and enforce obedience
9. a space or room just below the roof of a building

Kwon Min Jun(1-4)

About the school English newspaper club

THE BOIN TIMES



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“ Optimism is a strategy for making a better future.
Because unless you believe that the future can be better,
you are unlikely to step up and take responsibility for making it so”

*by Noam Chomsky,
Linguist*



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