

# NOVUS

BIS HANOI STUDENT MAGAZINE

APRIL 2021

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BIS Hanoi Student Magazine

# Editorial

We are teenagers who have a desire to progressively achieve our goals. We are dreaming of a wider world, starting from here, at BIS Hanoi. Amid each day as the sun and moon rises and sets, we are working passionately on our studies whilst also pursuing journalism. This was a change in our lives; how we became part of the magazine club. In this edition, we introduce you to the theme 'change and transformation'.

Flexibility in direction is needed to cope with change. Whilst COVID-19 continues, numerous industries such as the music and media industry have changed. Movie theatres that have always been crowded are now empty, because of the implementation of social distancing. These changes are due to the change in demand. As jobs and businesses disappear, society also changes. So are the ever-changing values of life. If you are interested in the changes from COVID-19, see *New normal*[page 16~19]. If the transformation of the buildings surrounding you fascinates you, see BIM[page 3~5].

There are not many changes that we can prepare for, just like covid-19 which suddenly hit us. Thus, we should not be afraid of change. We are all captains of a ship called life, and when the wind blows hard we have to look for a different path, firmly staring in that direction. There is no guarantee that our initial destination is the best one.

I hope that you will enjoy reading this issue and that you will also look forward to the next one.

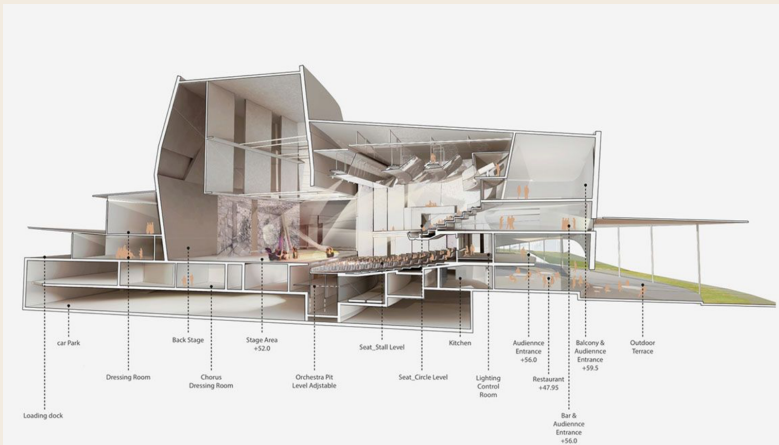
Best wishes,  
Seon Ju Moon

# *Transformation in Architecture* *: Building Information Modelling (BIM)*

Sehyun Lee 12I

Architecture is everywhere. It is in every space we encounter in our daily lives. It is where we work, where we learn, where we live, and where we exist. It is the integration of design, technology, and business. In other words, architecture is the “built realisation of a particular concept or idea” that has the purpose of designing buildings and other physical structures.

Times have changed and the world today has become more receptive to new developments due to advances in technology. The changes in technology have led to a massive transformation in architecture, introducing new methods in the design and construction of buildings. Accordingly, a new architectural design method that has arisen is Building Information Modelling (BIM).



*Building Information Modelling (BIM)*

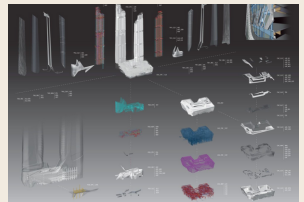


BIM, or Building Information Modelling, is an “intelligent model-based process that improves efficiency in designing, building, and operating buildings and infrastructure.” In BIM, designers create a digital 3D model containing all the information of every component of a building. The information includes the physical and functional characteristics of the building, for example: “furniture: 10 desks, 10 chairs/fixtures: 90m2 wall painted white.” 3D architectural models created through BIM can be more informative than 2D models as they provide a realistic visualisation that shows the texture, shape and size of potential buildings. However, BIM cannot just be considered as a ‘3D modelling tool.’ While the 3D modelling tool simply shows the appearance of the building, BIM integrates the 3D model with the construction progress, and is thus regarded as a ‘4D modelling tool.’ By allowing design and documentation to be done simultaneously, BIM increases productivity and efficiency. Moreover, as it enables designers, builders, engineers and owners to work on one centralised model, BIM is beneficial in collaboration as well as communication.

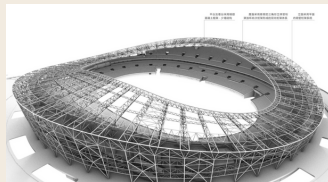
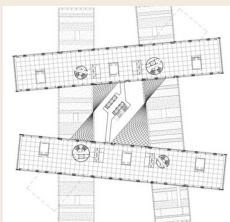
### *Famous BIM projects*



*Baku  
Olympic  
Stadium*



*Nanjing  
International  
Youth Cultural  
Centre*



*Statoil Regional  
and International  
Offices*

Digital transformation has enabled Building Information Modelling to crystallize, resulting in greater efficiency and shorter project lifecycles. But the greatest benefit obtained through BIM is the information of the region and the public citizens, as it provides high accuracy and consistency in architectural design. Smart constructions like BIM could become a solution for the strain on existing urban infrastructure failures.

In addition, the need for smart construction is increasing due to human overpopulation. The United Nations estimates that by 2050 the world's population will be 9.7 billion. In an era of rapid population growth, ensuring healthy and sustainable architecture has become a global demand. Along with overpopulation, urbanization is another problem in need of solving. To settle this issue, industry experts are suggesting BIM for developing smart cities in the future. For example, BIM gives city planners a more comprehensive view of a city; not only does BIM process the above-ground structures, but it can further document the below-ground utilities and structures. Reduction of cost, productivity improvement, and transformative capability can be obtained through BIM, and will provide an efficient pathway for constructing smart cities.

Research, recently published in March 2020, analysed that the global smart cities market was USD 83.10 Billion in 2019 and is expected to reach USD 297.7 Billion by 2026, showing growth at a compound annual growth rate (CAGR) of 20% from 2019 to 2026. With this continuing growth of the smart city market, it is expected that BIM methodology will be the main driver for transformation and innovation in architecture.



***“BIM is the first truly global digital construction technology and will soon be deployed in every country in the world. It is a ‘game changer’ and we need to recognise that it is here to stay.”***

*– Patrick MacLeamy, Chief Executive Officer of HOK Group*

# The Transformations of Jem (To Kill A Mockingbird)

Written by Thai Anh Hoang 8B

To Kill A Mockingbird is a story revolving around Scout Finch and her experiences with the world around her and its societal expectations. Taking place in a small town called Maycomb County, around the American Civil War time, the book allows us to take a deeper look into racism and how it affects the people living in the society - including both the Black and White people. With that, comes Jem, the brother of Scout (our main protagonist). One of the pivotal characters in the novel due to his influence and relationship with Scout, as well as his character being the representation of Bravery itself, something that has brought Scout on many adventures.



At first, Jem Finch was depicted as representing a simple, child-like Bravery of youth and inexperience, as showcased through his desire to touch the side of the Radley house, because 'In all his life, Jem has never declined a dare.' Already, the Jem Finch at the beginning of the novel is careless and rebellious since they are not supposed to be snooping around the Radley place, but he did so and encouraged Scout to (which she ends up accepting) anyways.

However, as the story progresses, Jem's idea of Bravery widens as he encounters situations such as their dad Atticus facing a mad dog, Mrs Dubose fighting against her addiction, and Scout's risky decision to confront the mob at the jail just to name a few.

However, as the story progresses, Jem's idea of Bravery widens as he encounters situations such as their dad Atticus facing a mad dog, Mrs Dubose fighting against her addiction, and Scout's risky decision to confront the mob at the jail just to name a few.

Later on in the novel, another transformation is seen to have occurred to the young boy: maturity. Examples of this happening is when he started to understand why Boo Radley wants to stay inside his house: "It's because he wants to stay inside" and how he has developed his sense of justice and fights for it as seen in the quote "they oughta do away with juries. He wasn't guilty in the first place and they said he was" in the face of an adult, no less. Despite now being more mature and more capable of making the right decisions after this transformation, at the start of his puberty, Jeremy had hurt Scout's feelings, telling her to be 'more lady-like' and disregarding her sense of self-expression. This does not last for long however as Jem came to apologise to Scout afterwards "I'm sorry Scout."



At the end of the story, while there is not much information being given about adult Jeremy Atticus Finch, it is safe to say that Jeremy Atticus' still a brave young man, has his protective tendencies over Scout, and that their relationship is still one of healthy, normal disagreements as shown throughout the entire novel.

# Your birthday constellation is changed!

Chae Yeon (Hailey) Park 12S

## ★What Is A Birthday Constellation

A constellation is a group of stars on the celestial sphere which make up the imaginary pattern in the night sky. The patterns represent a mythological person, object, or creature. To understand the constellation, you should know the term 'zodiac', which is the area of the Sun's path across the celestial sphere in a year. "The Babylonians of Mesopotamia divided the zodiac into 12 equal parts like cutting a pizza and picked 12 constellations from each part. So, as Earth orbits the sun, the sun would appear to pass through each of the 12 parts of the zodiac," NASA explains. The birthday constellation which will be discussed in this article is a constellation at the time of the person's birth. It is used in Astrology, a forecast of a person's future including character and circumstances based on the relative positions of the stars at the time of that person's birth. Many people are interested in their birthday constellation to guess about their future for fun.

## ★New Constellation Ophiuchus

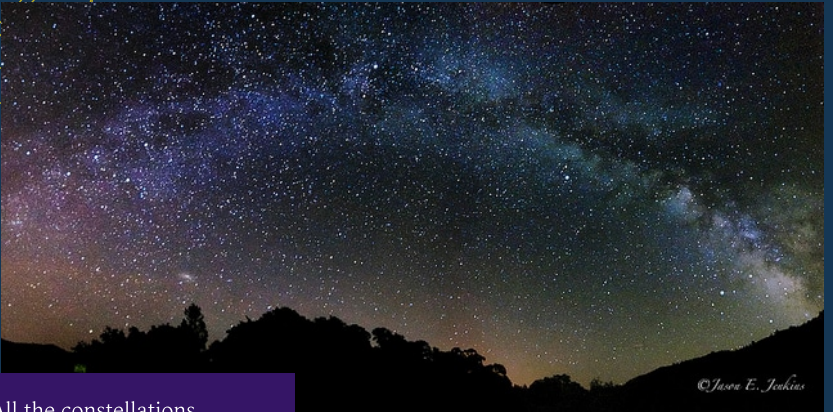
However, on 11th January 2011, there was surprising news from NASA. They officially announced a new constellation in the zodiac: Ophiuchus. Ophiuchus is a figure of Asclepius, the god of medicine, holding a snake. Due to the change in the number of constellations from 12 to 13 in the zodiac, the birthday constellation also changed. Ophiuchus is newly applied for a person whose birthday is between 29th November and 17th December.





## ★Why Is There A Change In The Birthday Constellation?

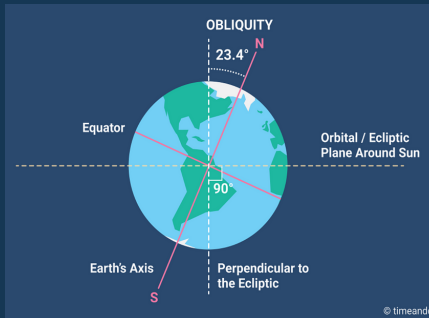
Previously, the 13th constellation Ophiuchus was almost impossible to observe on Earth. Then, how has it become possible to watch a new constellation, and why is it added to the birthday constellation? It is because our planet Earth is tilted to 23.5'. This is a quote from Parke Kunkle, an astronomy instructor in the Minnesota Planetarium Society.



©Jason E. Jenkins

All the constellations

“If you take a toy top and spin it, it spins around an axis and that axis tends to point in different directions. It moves around. That's what we call precession. So in Earth's case, right now, Earth's spin axis points towards Polaris, the North Star. But in 3000 BC, the Earth's axis pointed towards a different star, Thuban. And that majestic motion takes about 26,000 years. so if you went from 3,000 B.C. and waited 26,000 years, you'd have the north star Thuban again.”

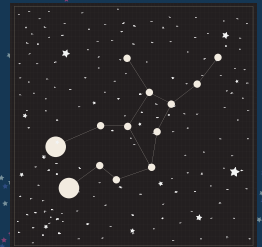


Therefore, the Asclepius has become visible in the 3000 years between 30th November and 17th December. Since the Earth spins in tilt, constellations are not in the same position in the sky as before. Therefore, the stars are shifted a month, resulting in a change in the birthday constellation.

According to the interview above, the 13th constellation was seen by ancient people, but they did not include it in the zodiac. There are many interesting hypotheses about why the ancient people did not add it in the zodiac. Some say that it is because the ancient people did not like the number '13' due to its symbol of misfortune, or because 1 year consists of 12 months.

## ★The Conflict Between Astronomy And Astrology

However, there was an enormous repulsion from astrologists since the astrology industry totally changed by the addition of a new constellation. However, NASA officially replied that they are not responsible for the change in the constellation, and they do not regard astrology as a Science.



You may be disappointed that your birthday constellation changed, but don't be so depressed. No matter which constellation you belong to, your constellation will bring you luck!

# FROM IMPOSSIBLE TO POSSIBLE

# Blue Roses



Hye Jin (Kerry) Cho 12S

It is no exaggeration to say that roses are the most popular flowers among flowers. As the queen of flowers, there are numerous kinds of roses and different meanings for each colour.

Red roses symbolise romantic love, orange roses symbolise passion, yellow roses symbolise friendship, green roses symbolise peace, purple roses symbolise love at first sight, pink roses symbolise admiration, white roses symbolise purity and black roses symbolise death.



It was **cross-breeding** that produced 25,000 different kinds of roses with different meanings, but there was only one type of rose that scientists could not make— **blue roses**.

For this reason, the meaning of the blue roses was ‘**impossible**’.

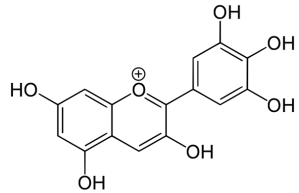
However, through the development of genetic technology, scientists have succeeded in making blue roses. This change in scientific technology has changed the roses’ meaning from impossible to **miracle**.





## Then, how was it possible to make blue roses?

The only way to make a blue colour in roses was to dye the white roses. The reason why it was impossible to make complete blue roses were that roses don't have a 'Blue Gene', a gene that makes a blue pigment called 'Delphinidin'. Even if there is a little delphinidin, blue roses can be made by repetitive crossbreeding, but none of the roses all around the world have this pigment at all.



▲ Delphinidin structure



▲ Pentunia

However, scientists found a blue gene in a flower called the Petunia and began The Blue Rose Project in the 1990s. Delphinidin was made properly, but since the amount was too small and the colour strength too weak, the roses were not blue but just blue-ish.

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### Additional Information

1. The early rose looks different from the modern one. In the United Kingdom, in the 18th-century, crossbreeding was used to change the appearance of roses. Red roses were crossed each other to create a darker red colour, or roses with many petals were crossed to produce roses that bloom 100 petals. In addition, crossbreeding improved the roses' insect-resistance.





## The World's First Blue Roses



▲ Pansy

After a long study, in 2004, a Japanese company named Suntory succeeded in developing blue roses. The roses had a maximum of 95% delphinidin of the entire pigment, using the blue gene the company found in Pansy flowers.

This flower is called **SUNTORY blue rose APPLAUSE**. However, its colour is closer to light purple than blue. Despite the high percentage of delphinidin, the blue colour could not present because even if it is the same delphinidin, the blue colour varies depending on its chemical structure.



▲ SUNTORY blue rose APPLAUSE

## From Impossible to Possible



Whether the flower is completely blue or not, it is still true that the scientists' long commitment eventually made the impossible become possible. Just like the meaning of blue roses, change in genetic technology changed the **impossible to the possible**.

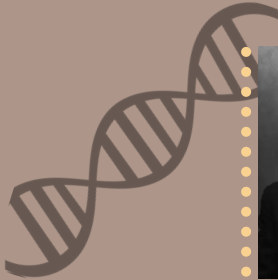
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### Additional Information

2. The cheap blue roses you see in a flower shop are white roses that have been dyed. Real blue rose prices are surprisingly high. It is around \$30 each, which is 10 times the price of ordinary roses.

# *The discovery of the DNA structure*

Su Hyeon Kang 121

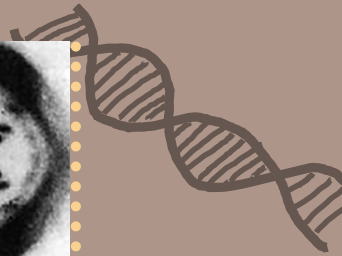


*<Watson and Crick>*

In 1962, James Watson and Francis Crick were awarded the Nobel Prize for their discovery of DNA structure. In 1951, Before discovering the structure of DNA, the structure of it was obscure; the two scientists, Watson and Crick, started to work together at the Cavendish Laboratory in Cambridge.



*<Rosalind Franklin and the three-dimensional structure of DNA>*



Through their delicate observation and calculations of the X-ray photographs, in 1953, Watson and Crick eventually discovered that the two strands of DNA were wrapped into a double helix and they linked at regular intervals by the bases of the nucleotides. So, fundamentally, DNA double helix is described as the appearance of double-stranded DNA, which is composed of two linear strands that run opposite to each other, or anti-parallel, and twist together. Plus, Rosalind Franklin was the person who also tried to find the structure of DNA and she finally captured the picture of DNA that revealed a significant structure of DNA, double helix structure.

This discovery of the DNA double helix is significant to agricultural technology. It has accelerated our ability to grow crops with desirable properties such as disease resistance, coldness, and drought tolerance. In addition, it allowed us to recognize and protect plant biodiversity. Also, scientifically, the discovery of DNA double helix provided the data of a sort of DNA to other scientists to work out on DNA. It has also helped to develop the investigation of diseases and diagnose specific genetic disorders, such as the down syndrome or sickle cell anaemia.



DNA itself has a great potential. As researchers and scientists continue to develop on the complexity of DNA, we can imagine a world with a personalized view of medicine that is longer managed, specifically applied to individuals than to the population in general. Despite the difficulties that Watson and Crick went through, their contribution in finding the DNA structure made a vital transformation in various fields, and will continue to do so.

# Changes Caused by COVID: The 'New Normal'

Written by Min Young Kim 10H

The year 2020 was defined by the coronavirus pandemic, one of the worst pandemics the world has ever seen. From the Great Plague of London in 1665, which led to the death of 20% of London's population, to the outbreak of SARS in 2003, the majority of the world had presumed that the coronavirus pandemic would soon disappear like the flu. However, with an estimated 250 million people infected worldwide and 2.7 million deaths, it is no doubt that this virus is here to stay and the future depends on a lot of unknowns. In this article, we discuss the impacts of the COVID pandemic and the 'New Normal'- how life has changed due to COVID-19.

## The Way We Live is Different



- Masks, gloves, and hand sanitizers have become common place, no matter where in the world you live.
- Social distancing, social distancing, social distancing. With COVID spreading mainly among people who are in close contact for a prolonged period, social distancing (also known as physical distancing) has become a necessary obligation everyone must follow.



- With the majority of country borders closed, traveling has been restricted or reduced significantly. This means that social greeting and seeing loved ones have been morphed, for everyone's safety and benefit.

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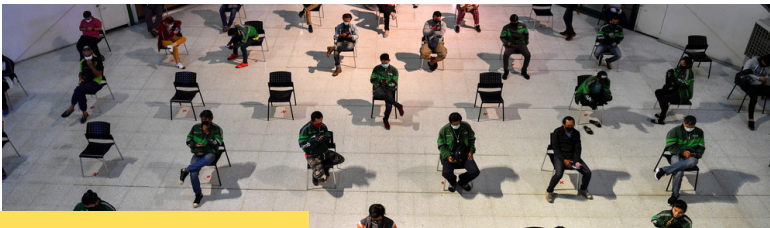
## The Way We Work or Study Has Changed

- Education as we know it has changed. With lockdowns being made mandatory or schools and universities moved online, some have blended face-to-face interactions with distance learning. For many people, universities around



are feeling the impact of the absence of international students.

- Work has also changed due to social distancing. Many firms and companies have switched to working from home to minimise the risk of their employees catching the virus, reducing traveling on public transport, and gathering in groups at the office. Zoom meetings have now become the New Normal.



**Class during COVID pandemic**

- This may have enhanced the quality of life for some, creating a better environment for family life as for example, workers who are also pet owners can now spend more time with their pets. More flexible workplace arrangements have become permanent and communities adjusting to them have stimulated many workers to work better. In contrast, the generalisation of working from home could also challenge the mental health of some who value social life, because diminishing in-person contact inhibits social connections, along with the fact that digital life can highly stress some members of the community.



## Other Changes Caused by COVID-19

- From the idea that drinking bleach can kill the novel virus to a theory that it was created in a lab as a bioweapon, the COVID-19 pandemic directed a series of misinformation to spread. Such false and rampant rumours are said to have serious consequences, resulting in thousands of hospitalisations and deaths of people believing in these conspiracy theories.
- Racial discrimination against Asians has also increased. Asians and people of Asian descent have been targets of derogatory language in media reports and statements by politicians as well as on social media platforms, where hate speech related to COVID-19 also appears to have spread extensively. US President Donald Trump's use of the term "Chinese virus" and Secretary of State Mike Pompeo's use of "Wuhan virus" may have encouraged the use of hate speech in the US and other countries.

- Finally, last but not least, there is an increasing prospect for technology enhancements. With more and more people working remotely from their homes, new methods to achieve virtual social and entertainment interactions are appearing in the market. Softwares regarding telework, telemedicine, virtual schooling, and more are growing.



- Likewise, in a race to find the vaccine for the virus, important areas of science like synthetic biology and computational virology are accelerating; this will result in more efficient ways of drug testing, new approaches to target therapies, and someday, according to Amy Webb, quantitative futurist and founder of the Future Today Institute, a future in which we engineer life itself.



Although it is unknown whether this pandemic will continue to exist for centuries, for now, we must admit the presence of this inscrutable virus and the impact it puts on our lives. We may have uncertainties until we fully decode the virus, but until then, we must follow the guidelines and take precautions against this novel virus called COVID-19.

# THE MAJOR CHANGES DURING COVID 19 VIRTUAL LEARNING

WRITER : SE HYUN BANG 121 / INTERVIEWER : HEA MIN JUNG 10S , SU MIN RYU 10B

## 1 What are the advantages of having online lessons as a teacher?

### MS SE YOUNG AN

At first, it was a bit challenging because it was different from face-to-face lessons in that teachers and students can interact directly and also I was a bit concerned about the communication aspect. However, from virtual learning, I could realize other aspects of each student. Some students who were usually quiet or seemed to be not passionate about the class activities followed my tasks well which surprised me a lot. I was glad that online learning reduced the pressure about 'direct interaction' with teachers for some students so that it was time for me to get to know each student more deeply. Additionally, I could trace students' work more accurately and effectively than at the school because the evidence or thinking process each student wrote in the google slide or docs was useful and also valuable resources for me to trace their work.

### MS PRICE

My preference is not online learning. I much prefer the interaction that we get in the classroom but I feel like we were lucky that we had that as an option since we've been able to continue our education. Because I think it's been a very difficult 12 months and I think if we were to have taken school out of it altogether, I think it would be quite a challenging position now. Not just in terms of education but ourselves. I think it is important that I and we have the connection and interaction with each other. I noticed that from the first distance learning to the last distance learning, we worked better the second time around in terms of all of us understood the importance of cameras more. It was great to have as an option and potentially we could get even better if it was something to continue going forward.

## 2 What aspects did you care about the most during online lessons?

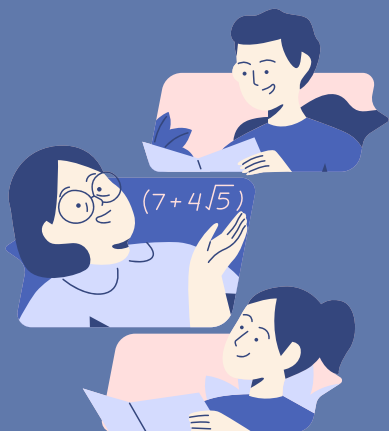
### MS SE YOUNG AN

I most cared about increasing the participation of students. I had to make the class a comfortable and enjoyable space where students could share their opinions and thoughts without any barriers. That was my role and duty to lead students to be engaged in the class with good quality of concentration. Therefore, I changed the way of giving lectures slightly to increase efficiency. I used google docs a lot for students to list down or analyse their points last year. Now, I changed to google slide so that the communication between teachers and students can be quicker and more efficient. Google slide was a useful class resource to share comments and give feedback to them.



### MS PRICE

I structured my online learning so that mostly my classes were quite interactive and stayed within that sort of normal lesson structure. I like it to have interaction and I think it's trying to emulate what I doing in the classroom where we would start a task that is the sort of 10, 15 minutes beginning lots of talks, asking questions and not asking for hands up but directing questions are always found that to be more effective than asking the students to put their hand up and then staying online and checking in with people that working it like that. So I found my strategy was to try to replicate the classroom as much as possible and not make it so it was a new way of learning and "Here is the task. Of you go" kind of thing.



### 3 What changes were involved during the online lessons of the way you teach?

#### MS SE YOUNG AN

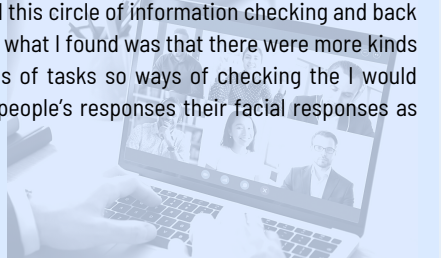
For me, there were no significant changes except for the way I gave feedback to them. During online lessons, I tried to focus on the positive effect on the group work which was the time for students to interact with each other and expand their opinions. I provided them multiple class time to do the group projects aiming for better and deeper results compared to individual work. Therefore, I gave attention to provide the place that is appropriate to do the group work for students to construct their analyse points stronger.



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#### MS PRICE

For me, making powerpoints, making visuals, just being more conscious of having things leading to be more visual. So maybe there were more performative aspects with it. It's different to actual lessons where by just being a bit more aware that this is something that goes out there and it's on record forever so perhaps being a bit more aware of that and making things visual more because the way teaching works is it to feedback cyclical that I would say something within the classroom, I can see people understanding it, I can see people don't understand it and we move around this circle of information checking and back again and that what a lot harder to do online so what I found was that there were more kinds of thing you have to hand in all most in terms of tasks so ways of checking the I would normally do through questioning and reading people's responses their facial responses as well. So that was a bit different.



## 4 Did you learn anything through virtual lessons?

### MS SE YOUNG AN

I learned about my students more. More students than I expected were engaged and focused on the class and following me very well. That showed me the general attitude of students toward the online lessons was positive and the online class was not considered as the 'out of school' time for them. It was a very valuable learning experience for me as a teacher.

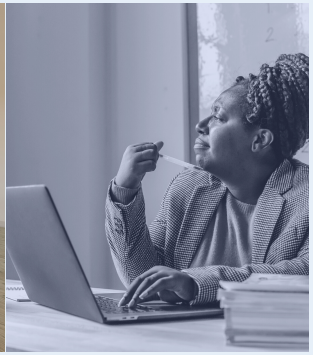
### MS PRICE

Yes definitely. I think what I learned, in the end, was to be comfortable with the silence a bit more because I know as a person of a tendency to feel silence bases and it's quite important not to do that because it can be too much information and just be more precise about the explanations I'm giving. I think that more from watching back some of the videos. I think there was a reflective aspect to it by watching my lessons which I don't normally do because they are not recorded. There's no way for me to do that. Going back and watching some of the lessons made me more aware of my speech, my explanation and made me think you need to leave more gaps and not feel uncomfortable in the silences because at that moment if you are asking a question, and somebody is thinking about their response to feeling that space is important.

## 5 If we go back to online learning again, what changes would you expect from students?

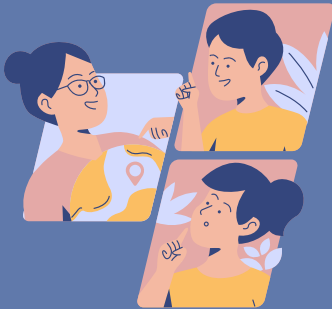
### MS SE YOUNG AN

I wish students would spend some time after each class to summarize or list down points that they have just learned. It would be very helpful for them to follow the progress of each subject as well as understanding the key points of the lectures. Moreover, I highly recommend setting the learning plan or goal for every day before the class starts. It motivates students to focus on the online lessons and spend time more effectively during break time or free periods for six forms. Besides studies, I think it is necessary to have time to exercise or take mindful activities such as yoga, meditation or even colouring. We should spend some time away from the screen during the online lesson for our mental and physical health.



## MS PRICE

I think the main thing I would say is to try as much as possible trying to keep some of the school routines. I think we find it more and more challenging because we don't have that change of environment and so I think if we start with our high standard of, wake in the morning, get ready, maybe put our school uniform on. What works for you I think is important but making sure that you are not waking up turning the laptop on straight away. You are more or less doing it from bed. I think in the classroom, there are entire of us where we are less involved and you can't always force that upon yourself.



But I think that the majority of time cameras and microphones being on is really important to the whole experience and making it feel like a collaboration that you have with other people and there is as much as possible to replicate a real-life school environment. The other thing was to get involved in the ECAs and I just think that it is really important to remember recreation because it can be easy for us to let that fall off in terms of priority and I think having something creative and enjoyable on that level.





# 6

## Were there any changes to class materials?

### MS PRICE

Yes. I use visualization in my teaching and I didn't have my visualizer with me which meant that my resources then needed to be created for that environment. So definitely just adapting things. I'm trying to use as much as possible to go quite paperless in the classroom. So, that meant always having to create those things by myself like extracts that students would annotate online which may have been something that would've all been like if we take an extract from a text that may be something that went onto the visualizer and we use that.



# 7

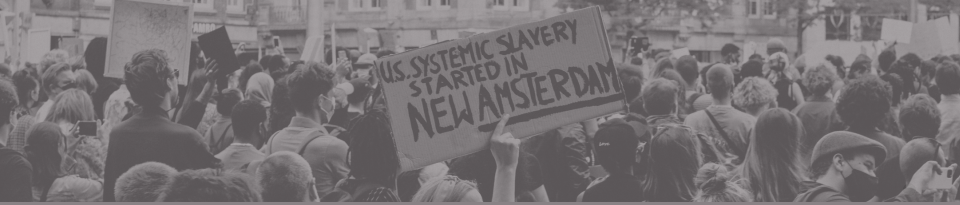
## If the school turns to online lessons again, what would we have to prepare?

### MS PRICE

I think we were prepared as we can be. Our episodes of distance learning have been relatively short. Seeing the school in Myanmar made me think "Actually, we've been pretty lucky" in terms of that. But then I don't know that we could be prepared for real long term online learning. We've got all of the systems in place now. We know what works in terms of having the catchup days and we had ECAs last time, so I feel like we have all of the structures in place. From a head of year perspective, life skills would be something that I would need to adapt differently to make sure it responds to the situation that we're in so I think I could do differently next time. I think in terms of student preparation, we kind of where we can be. We've got lots of online systems as a school. There are other things that we can be utilized and get involved with as well as everything is set up now. We understand both teachers and students expectations. So I don't know the things that could be done now. I just hope that we don't turn back to the online lesson.

# *No More Racism On the Field !*

Written by Jae Woo Cho 81



Today, sports stars from diverse nationalities cooperate. Recently, Hank Aaron died at age 86, who was one of the greatest sports stars ever. However, there is more than sports achievements that he made. He made lots of changes to the treatment of black stars. In the 1950s, when Hank Aaron was in his 20s, he was treated unfairly in the league. This led to his team players thinking he is a worse player than them and discriminating against him from the chance of scoring. However, he had changed the view.



Hank Aaron

Hank Aaron was a famous baseball player who had hit 755 home runs, an annual 0.305 batting average and 99 RBIs. Among the records, the home runs were his best, making 755 home runs, in which he made the second-most home runs in Major League. He went into Major League in the Atlanta Braves in 1954 and retired in Milwaukee Brewers, 1976. However, the first most home runs record possessor, Barry Bonds, used drugs, and therefore many people say that Hank Aaron is the true home run champion in the major league. He had also passed the Hall of Fame with 97.8%, the second-highest when he went in 1982.

However, despite his great achievements, he faced discrimination in his early sports career. He recalled at his early career in Washington DC in Negro League, as "I can still envision sitting with the Clowns in a restaurant behind Griffith Stadium and hearing them break all the plates in the kitchen after we finished eating.

Even as a kid, the irony of it hit me: here we were in the capital in the land of freedom and equality, and they had to destroy the plates that had touched the forks that had been in the mouths of black men. ” He was also treated unfairly on money, as his yearly salary was \$10,000, while his agent thought he was a \$100,000 player. However, despite these conditions, Hank Aaron changed the view of the black players by his skill; he was a great batter. His manner and behaviour was a role model for worldwide citizens no matter whether he was outside or inside of the stadium.



Overall, Hank Aaron was a great player who had defeated the unfairness because of his race and a role model of manner and behaviour. He has improved human society a lot. Human society has preserved and achieved a lot of equality, and we should continue the effort towards achieving racial equality. The minor problems will cause other major problems if we stop. For suggestion, we need to complete racial equality in some parts of the world and minor problems of mindset about equality.

**"It is not our differences that divide us. It is our inability to recognize, accept, and celebrate those differences. "**

**- Audre Lorde -**



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