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SCHOOL



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LAYOUT AND DESIGN BY JIKANG LIU





LAS VEGAS SHOOTING

by

When and Where?

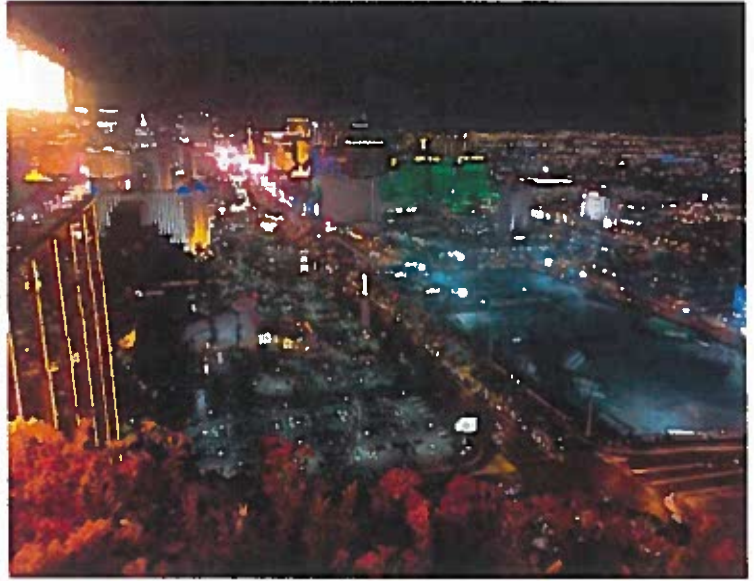
This shooting took place from 10:05pm to 10:15pm on October 1st, 2017 when a gunman opened fire at the Route 91 Harvest music festival on the Las Vegas strip in Nevada.

Who?

The gunman is said to have been a 64-year-old man named Stephen Paddock from Mesquite, Nevada. His motive is currently unknown.

"An act of pure evil."

"One guy ended up dying in my arms."



View from the shooter's room

What Happened?

Gunman Stephen Paddock fired his gun towards the crowd of people at the music festival from the 32nd floor of Mandalay Bay

ing hotel. Approximately one hour after shoothis last bullet, he was found in the room dead. He apparently had more than 10 rifles with him that night. He had left a suicide note stating that he had become a victim of irrational thoughts.

The Outcome

The police warned the public regarding the location of the shooting and flights in and out of Vegas were 'temporarily halted'. Las Vegas police cleared the floors of the hotel. As for now, 58 people- 36 men and 22 women were shot dead and 546 people are injured.

Millions of dollars had been raised immediately after the incident and there were huge lines to donate blood.

One called the outcome of the shooting as 'a tragic and heinous act of violence that has shaken the Nevada family'.

BOY SCOUTS OF AMERICA TO ADMIT GIRLS INTO THEIR PROGRAM WITHIN THE NEXT COUPLE OF YEARS

by Nathaniel Beardsley

Two weeks ago, the century-old Boy Scouts of America (BSA) organization announced that it was making moves to implement a radical change: allowing girls to achieve the highly prestigious rank of Eagle Scout, along with all other ranks and activities associated with the BSA.



The plan is to integrate girls into the Cub Scouts, a program for those less than 10 years of age, around the beginning of 2018, and to allow girls into the main scouting program by 2019. The official release declared that the program will continue to keep its single-sex nature by having certain all-boy troops, and certain all-girl troops, but stated that, in the end, it was up to individual troops to decide whether to be single-sex or co-ed.

Michael Surbaugh, the BSA's chief executive, stated that "This decision is true to the BSA's missions and core values outlined in the Scout Oath and Law. The values of Scouting – trustworthy, loyal, helpful, kind, brave, and reverent, for example – are important for both young men and women."

The responses have been numerous and

varied. Many have welcomed the change as an opportunity for girls to have the program's leadership opportunities previously denied them. Long-time Eagle Scout Richard Howard, now a judge in Citrus County, Florida, stated that "The thought of me being able to put my Eagle award on my granddaughter... this is the most exciting things I've seen in Scouting since I joined in the '60s."

Others have criticized the move as being a degradation of the principles on which Boy Scouts was founded. CEO of split-off organization Trail-Life USA stated that "...it is more important than ever that someone provides a safe environment where boys can be boys, and where their natural talents and tendencies can be affirmed, encouraged, and developed by men who can offer a positive role model."

One of the most fervent critiques of the announcement was the Girl Scouts of the USA (GSUSA), a program formed outside of the BSA which, despite its similar namesake, offers a vastly different experience to the BSA. It announced that: "we believe strongly in the importance of the all-girl, girl-led, and girl-friendly environment that Girl Scouts provides." It argues that the BSA should place more focus on recruiting the 90% of boys not involved in scouting, rather than trying to add girls to increase their ranks, and has even accused the BSA of merely trying to increase its market share.

This is not the first move by the BSA in previous decades which sparked controversy. In 2013, the organization announced that it would accept openly gay scouts, a move followed by a decrease in membership of over 7.4% by 2015. Since 2010, the organization reportedly lost a half-million scouts, and the numbers continue to dwindle. After a peak in the 70s, BSA has lost over half of its members.

As these plans are implemented, it remains to see whether the BSA will maintain attempts to stay single-sex, or go entirely co-ed. Even if BSA is on the decline, it is postulated that following these changes the Girls Scouts will face serious challenges in membership. Much has changed in the BSA over its 107-year history, and it is only likely that much will continue to change still.



GUESS WHO WON THE NOBEL PRIZE?

by Jessica Yun

The Nobel prize is of an international interest among many scholars; not only the amount of money that the winners receive is significantly huge, but the attention that the winners' research, theory, literature or action gets, can set a milestone in history. For example, Einstein's discovery of photoelectric effect in 1905 allowed him to win the Nobel prize in 1921. Einstein presented the idea that when atoms are struck with light, they emit electrons, and this idea is still relevant today as its concept is used in solar cells and laser printers. Moreover, Marie Curie in 1911 won the Nobel prize for chemistry, for discovering radium and polonium, which are very well used today: radium is used for treating cancer and polonium is used as the heat source to power radioisotope thermoelectric generators.

*Albert Einstein (left)
Marie Curie (right)*



Apart from science related prizes, there are many people who have been recognized globally for their endeavor towards human rights. For instance, Martin Luther King Jr. received his Nobel peace prize in 1964, as the world noticed his efforts to end racial discrimination in the United States. The Red Cross has won the Nobel peace prize 3 times, in 1917 and 1944, for its work during the two World Wars, and in 1963, as a celebration for Red Cross' 100th anniversary.

As one can see, the Nobel prize goes to peo-

ple who have found or created astonishing work in their fields, that will help develop the world into a better place. Thus, as the Nobel Prize Award 2017 has taken place on October 2nd to October 6th, it is important to look at the most significant discoveries of the year.

Announced by Thomas Perlmann, Secretary of the Nobel Committee for Physiology or Medicine, the Nobel Prize in Physiology or Medicine went to Jeffrey C. Hall, Michael Rosbash and Michael W. Young, for their discoveries of molecular mechanisms controlling the circadian rhythm; their discoveries explain how living creatures, such as humans, animals and plants, adapt their biological rhythm so that it is synchronized with the Earth's revolution. They have discovered PER, which is a protein encoded by period, and that the PER protein levels oscillate over a 24 hour cycle. They have thus come to the conclusion that this gene is responsible for living things' circadian rhythm. This finding is critical in a sense that circadian biology will help develop research for human's well being and health.

Next, Göran K. Hansson, Secretary General of the Royal Swedish Academy of Sciences declared the Nobel Prize in Physics to Rainer Weiss, Barry C. Barish, and Kip S. Thorne for capturing gravitational waves. Ligo, the Laser Interferometer Gravitational-Wave Observatory, is a project which tried to observe gravitational waves for almost fifty years old, with over thousand researchers from more than twenty countries. Together, Weiss, Barish and Thorne

The Laser Interferometer Gravitational-Wave Observatory (LIGO)



have succeeded in observing gravitational waves, finally completing the project. Since gravitational waves are direct proof to show big events in space, this revelation leads scientists to a whole new world

The Nobel Prize in Chemistry, announced again by Göran K. Hansson, Secretary General of the Royal Swedish Academy of Sciences, went to Jacques Dubochet, Joachim Frank and Richard Henderson for developing cryo-electron microscopy for high resolution structure determination of biomolecules in solutions. Cryo-electron microscopy allows the researchers to freeze biomolecules in their mid-movement and visualize the movement's processes, simplifying and improving the imaging of biomolecules. Due to this invention, biochemistry is anticipated to develop in a fast pace.

A cryo-electron microscope



Furthermore, given by the Swedish Academy, the Nobel Prize in Literature went to Kazuo Ishiguro, a British novelist. His books, *The Remains of the Day*, published in 1989 and *Never Let Me Go* in 2005, transmit the misery of trauma, as described by the Swedish Academy: "In Novels of great emotional force, has uncovered the abyss beneath our illusory sense of connection with the world." The narrators

of Ishiguro's novels are generally unreliable narrators, who revolve around a single traumatic idea which the narrators aren't able to confront. For example, the narrator of *Never Let Me Go* is a clone who donates all of her organs to someone else and the narrator of *The Remains of the Day* is someone who a butler who spends her life tending to a Nazi. These traumatic memories of the narrators are described in the books in anxious, claustrophobic circles, until the readers become emotionally attached to the narrator.

Moreover, the Nobel Peace Prize went to An organization called, International Campaign to Abolish Nuclear Weapons (ICAN). ICAN is a non-government organization (NGO) with support from about 100 different countries around the world; it is trying to pursue all nations' cooperation to eliminate nuclear weapons. ICAN has worked to highlight the catastrophic humanitarian consequences of the usage of nuclear weapons and to accomplish a treaty to ban nuclear weapons, by promoting fraternity between nations, advancing disarmament and arms controls, and holding peace congresses. In hopes of achieving their goals of eliminating nuclear weapons, the Norwegian Nobel Committee has elected ICAN to win the Nobel Peace Prize.

Finally, the Nobel Prize in Economic Sciences, released by The Royal Swedish Academy of Sciences, went to Richard H. Thaler, for integrating economics with psychology. Thaler mixed psychologically realistic assumptions with analyses of economic decision making; he analyzed the consequences of limited rationality, social preferences and lack of self control, to show how these human characteristics impact people's decisions as well as market outcomes. These explorations of the keen relationship between psychology and economics have stimulated the creation of a new field of behavioral economics, having massive effects on areas of economic research and policy.

It is more than thrilling to foresee how these new discoveries might impact the future of humanity and technology. Congratulations to all Nobel Laureates of 2017!

TAB FOR A CAUSE

Donating has never been so simple.

by

What if there was a way you could raise money to charity for free only by browsing the Internet? Tab for a Cause is a browser extension (for Google Chrome and Mozilla Firefox only) that allows you donate money for each new browser tab you open on your computer, at no cost for you - just by surfing the web. This is a great opportunity for us - IB students, along with teachers, and literally anyone who owns a laptop to benefit the community in the easiest way. This is how it works: once the app is installed, you get a new homepage that you can fully customize: you can change the background to whatever image you want, write notes, bookmark pages, read charity news, and so much more! Then, Tab for a Cause will display two advertisements on the homepage that raise the money for donating to designated charities. For each opened tab, the sponsors give at least 30% of the ad revenue (around a tenth of a cent to a fifth of a cent) to charity, whilst the rest is used for operating costs - salaries, servers, etc., - improving the extension, and supporting the process of making the mobile version of it.

The more tabs you open the more points (or "hearts" - the currency of Tab for a Cause) you receive, which you can donate to a charity organization you like. Currently, Tab for a Cause supports eight pre-selected organizations: Conservation International, Room to Read, Action Against Hunger, Water.org, etc. Each time you are willing to donate you get to decide which charity you want to raise your money to.

One of the creators, Alex Groth, who is a recent college graduate, said he just wanted to make giving more accessible regardless of their monetary worth.

Just in 31 days as a Tabber I have donated 813 hearts, which is enough to provide seven months of clean water for one person! Imagine how much money we could donate if more students at BBIS used Tab for a Cause?

Whether you're just watching Netflix, doing homework on your computer or trying to cop for yet another Supreme drop, you can effortlessly make a positive difference for those in need - one tab at a time.

Learn more at their website: <https://tab.gladly.io>.

A TAB PAGE WITH PURPOSE

Tab for a Cause is a browser extension that replaces your new tab page with a beautiful page that raises money for charity as you surf the web.

THE TRIAL OF GOD

by Juliette Douet

The *Trial of God* by Elie Wiesel, is a play within a play, concerning a fictional trial in which God is the defendant. Along with being a writer, professor, political activist and Nobel Laureate, Wiesel was a holocaust survivor, and based the plot on the horrible events he witnessed in Auschwitz.

This powerful play is set to be performed on the 25th and 26th of October in the Heizhaus, by a complete 12th grade cast. As you can imagine, they've found it hard to manage the play rehearsals with the IB, especially since the weeks with the most line learning have seemed to correlate with the most school workload. However, they've managed to cope with both by bonding as a cast and helping each other. Overall, the experience has been described as "really fun," and audience members should "expect a lot of drama and wows." (Clara Lima, Gr 12) Be sure to not miss out on the performance this week!

FROM MYP TO IBDP: MY EXPERIENCE

by

The transition from the middle year program to the IBDP is definitely an exciting and important transition, yet I also recall it being stressful, because I didn't know what exactly was going to happen or if I was going to be able to do well. I am currently in 11th grade in the diploma program, but I joined BBIS in 10th grade and I had never studied at an international school before, so my goal was to catch up with everything and use what I will learn in this year to prepare for the IBDP. Now, this is only my experience and it may not necessarily apply to everyone else, but I hope it will at least help you to know what's coming.

Throughout grade 10 I worried a lot about whether I was going to have a good start in grade 11 and keep up with all the work. As the last year of the MYP started, we began to have a lot of assemblies in which we were informed about the different possibilities for the next two years and what the IBDP and IBCP are all about. In the beginning I was quite confident that if I was going to be focused and determined that I was going to succeed, but as time passed I became more and more anxious. We had numerous meetings and assemblies with teachers that were meant to help with the preparation for the next two years. Unfortunately, what I took with me from those meetings was that the diploma program is incredibly hard and in order to be successful I will have to not make any mistakes and basically be perfect in every subject from the beginning on. This feeling of anxiety grew stronger throughout the year and didn't really stop until grade 11 began and I realized that I can do it. From talking to my friends I understood that I wasn't the only person who doubted themselves, but a lot of people were worried and didn't really know what to do. I think that the mistake that I and other people who felt similar made is that we took the information from the assemblies and other meetings in a negative way and let it discourage ourselves, even though it was just advice and a reminder that the next two years will indeed be full of work, and we have to take it seriously. So if there is one piece of advice that I could give someone in grade ten, it is that you shouldn't worry or be anxious, but you should definitely take it seriously and be aware of the importance of the diploma program.

From where I am now, I can say that I should had not been so anxious and stressed, because it is not the end of the world. The important thing is just to set a goal and be aware that it is hard, but if you stay focused and trust yourself, then it is going to be fine. I have to say that I do have significantly more work than I had last year, and for me, the only way to manage all of it well is to plan when I have to do what and don't leave assignments for the last minute. I realized that a lot of tasks teachers assign us are similar, in a way, to parts of the final exam and grades that are going to count. That means



that the homework is an important part in our preparation, so it should always be of highest quality. And in order for something to be well done, it needs to be well thought through and planned, which of course takes time. Therefore, in my opinion, the key part of being able to be as relaxed and confident as possible in grade 11 is to use the time well and not procrastinate. I don't have homework due on the next day every day, but that doesn't mean that I have free time. I am lucky to have some time to work on other assignments or even just review my notes from classes. And this is in my opinion the biggest difference between MYP and the IBDP, which means that time management is the most important thing to keep in mind.

Rogova L: How do I prepare to do the IB? Tell me if there is a way...

Yes, of course there is a way! I think there is always a way. IB is much like other programs around the world, and a big chunk of the so-called 'general knowledge' IB students receive, is the same as in the AP's, or whatever other program, as long as students take their time to study. In this article I am NOT going to talk a lot about the basics and I am NOT going to say that it is best if you learn now how to plan, how to not procrastinate, how to collaborate, or that you learn the essential principles and become familiar with your future courses and their content. You are NOT going to see me write much about these things, however, I will tell you some of my personal and very unique advice that I think at this point in time may be useful to all international students starting the program anytime soon.

a) Number one: please know that most of the things you will come across throughout the program will be able to fail you. Especially your higher level subjects and the EE (For the lucky ones who don't yet know what that abbreviation stands for, it is the Extended Essay). However there is a tool that will help you fight your way through. Language(s)! Understand that regardless of the subjects you chose, English as a language will be your priority, or will need to be. All the information you will be receiving in the next two years will be in English, all the

tasks, all the books, and that is why you will need to spend as much time as it takes to learn all the little things like cultural connotations, grammar, synonyms, antonyms, figurative language, etc. Apart from being fluent!

b) Moving on! Try to find your path, your way, decide what is that you yourself want to do! Don't choose subjects because they seem easy; don't, because you feel like your teachers are great. If that will get you through the IB you will be lucky, because normally it does not. ... but certainly knowing or at least having some sort of an idea of what you might want to do with your life at a later stage will! Choose your subjects in regard to your hobbies, choose your subjects if you understand them, choose your subjects if you feel like you like them. That way you will then enjoy them much more, and none of the work you will do will seem to be useless to you!

c) Number three: now this links a bit to what I said previously. Don't choose your subjects because of your teachers; don't rely on your teachers! Teachers are great. They are amazing people who will try to help you, and will help you a lot, however, be ready to go into the exam room and do the work on your own. Be ready to organize your time during the day and if your teacher is sick, be ready to take some time and responsibility to finish an in-class assignment. Study!

I myself am still doing the IB. In fact, I have just started. However these few things are something that I think may help those who are going to start later. Just think that pursuing an International Baccalaureate diploma is an amazing opportunity! One can gain from it, but the amount of how much he or she will gain from it will be proportional to the amount he or she will be willing to give to it. ...and if you start preparing now, you may just be rewarded with success. Remember: you are what you eat! Heads up; there is a math test next week!

STRANGER THINGS 2: A SPOILER-FREE REVIEW

by Nathaniel Beardsley

Okay, let's be honest: we had October break, and even if we had IB or vacations or whatever, we managed to have time to watch *Stranger Things*, and we've already googled the release date of the next season. But in consideration of those who for some reason haven't started watching this show yet, I promise not to spoil anything in this review.

And friends don't lie.

Stranger Things was a supernatural success last year. The Spielberg-esque storytelling, incredible acting, synth-filled 80s soundtrack, spellbinding cinematography, and countless references made it an internet favorite, and, thankfully, Netflix renewed the show for another season. Ever since the trailer that came out during this year's super bowl, diehard fans have been waiting to binge, and just last week the moment finally arrived at precisely 9:00 AM local time, when our school was engaged in a Halloween dodgeball tournament. So after all the hype, how did this season pay off?

From the action-packed and totally unexpected intro sequence, to the heart-pounding and heart-warming final episode, *Stranger Things 2* is a thrill ride that won't disappoint. While it does take a couple of episodes to get the ball rolling, once it does, it refuses to stop. Everything that we loved about the first season – eggo waffles, demogorgons, the Upside-Down, etc. – is still there, only on a whole new level. Once again, the Duffer Brothers create a show where every episode has an ending that will make you want to watch more, packed with

jump scares, strange terrors, and friendship.



Particularly great in this season is the character development. Eleven undertakes an enormous journey that changes her forever, but which is absolutely essential to establishing her personality and developing it. Will, who was largely absent in the last season, undergoes terrifying circumstances in a fantastic performance by Noah Schnapp, whose acting soon makes him a focal point of the season. Lucas, arguably a more minor character in the first season, is expanded upon wonderfully, with significantly more screen time than before.

Alongside the well-known and loved cast are a number of new characters. Max, a tubular new girl from California, provides an interesting contrast to the already existing kids cast, and her struggle to fit in with



them soon becomes an important part of the story. Bob, a nerdy computer expert, brings a more ordinary character to the series who hasn't participated in the events of last year and tries to live an regular life with his love-interest Joyce Byers. All the new characters contribute perfectly to the plot, even if there are now so many that in some episodes there are as many as six equally important plots going on at once.

Best of all, it seems the producers have listened to all those #Justice4Barb fanatics, as Jonathan and Nancy try to divulge the truth of what really happened. A lot of unresolved plots from the first season are brought to a conclusion in this one, and a lot of new plots are revealed.

That is not to say, however, that the season is perfect. Many have pointed out that it follows a lot of the same formulas as Season 1, and this is true to a certain extent, particularly with the *deux-ex-machina*-heavy ending. But it is undeniable that the Duffer Brothers took some bold new steps in this season; some would say a little too bold. At times it does feel as if you're watching a different show. Ultimately, you'll have to see for yourself how you like the way it develops, but personally I think it was a very good expansion on the original base material that preserved its nature, but added in a ton of new things as well.

It really is hard to say whether this season surpasses its predecessor. Those of you who watched Season 1 know how phenomenal it was, and with sequels one must keep in mind that bigger doesn't always mean better. The good news is that the series had been confirmed for a third and fourth season, meaning that our *Stranger Things* journey isn't finished yet. However things turn out, this season – indeed, the series as a whole – is highly recommended for anyone who loves great storytelling, excitement, or just a bit of fun. If you have

Netflix, there is no reason why you should not watch this show.

INVESTMENT CLUB

Are you interested in making a quick billion? Do you want to double or even triple your profits? Ever thought what it would be like to be the next Warren Buffet? At the investment club we think about this stuff too while applying our covered math reserves to the mock world of stock investment strategies and environmentally friendly funding which would make our children and our grandchildren proud, if only it were real. Our club is open to all ages and we've already cultivated sound business skills in students as young as 11. Learn from prestigious economists and investors and discover new and innovative ways to invest your money now! We are the visionaries of future trend investments such as crypto currency and Social Network Investments. We welcome everyone from Wall Street or Karl-Marx Strasse.

Sincerely your Investment Club President, Hyunjun



Try to solve these riddles and see your answers in the next issue!

Answers to previous issue

The Match Puzzle



There are eight inseparable matches with equal length. Assemble them properly so two squares with the same area and four triangles with the same area can be observed.

The Birthday Puzzle

Albert and Bernard just became friends with Cheryl, and they want to know when her birthday is. Cheryl gives them a list of ten possible dates:

May 15, 16, 19; June 17, 18; July 14, 16; August 14, 15 and 17

Cheryl then tells Albert only the month and Bernard only the date.

Albert says: "I don't know when Cheryl's birthday is, but I know that Bernard does not know either."

Bernard says: "At first I didn't know when Cheryl's birthday is, but now I know."

Albert says: "Then I also know when Cheryl's birthday is."

When is Cheryl's birthday?

Number Puzzle

The numbers were 2 and 9.

Sudoku

1	7	5	2	9	4	8	3	6
6	2	3	1	8	7	9	4	5
8	9	4	5	6	3	2	7	1
5	1	9	7	3	2	4	6	8
3	4	7	8	5	6	1	2	9
2	8	6	9	4	1	7	5	3
9	3	8	4	2	5	6	1	7
4	6	1	3	7	9	5	8	2
7	5	2	6	1	8	3	9	4



WE ARE RECRUITING!

THE PAW PRINT: JOIN THE WORKFORCE

For those of you that don't know, the Paw Print is a monthly newspaper. We write about anything, ranging from politics to TV reviews. You can write about pretty much whatever you can think about.

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NEXT MEETING:

Ms Barker's room (3409)
Oct 5th 11:05-11:20

Please come and let us hear your voices!



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