



The MGH Gazette

ISSUE 6

THURSDAY, AUGUST, 2019



The Lion King

Anshaali has the final word on the remake



US tensions with Iran

US Hawk drone shot down



Quiz

Which *Stranger Things* character are you?



dilemmas. For example, 'What are the limits of genetic editing?' Ethical concerns will be the largest hurdle for CRISPR to overcome. Unfortunately, these concerns, promoted by pharmaceutical companies, have seen the end of many, potentially revolutionary, medical operations. Stem cells for instance, have been scrutinised for being harvested from embryos. However, this is mainly sensationalism, as embryos are not the only possible source of stem cells. A similar sensationalism is already manifesting with CRISPR: concerns that such a method could lead to unethical cosmetic changes.

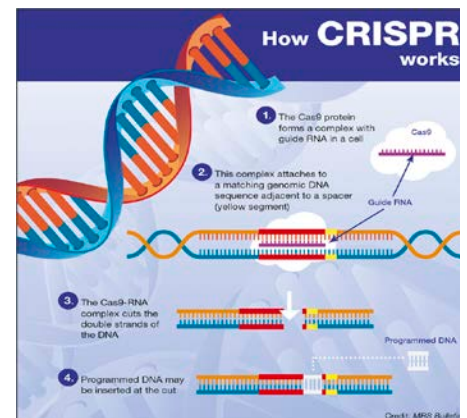
Might We See A Disease Free Society In Our Lifetime?

By Mannix Showell

Imagining a world without disease is a pointless exercise, at least, it used to be. It's 1987, Osaka University, and scientist Yoshizumi Ishino and his colleagues discover repeated sequences within DNA that will later come to be known as Clustered Regularly Interspaced Short Palindromic Repeats (CRISPR). Today, CRISPR-Cas9 is a genetic editing tool that takes advantage of DNA sequencing to induce a mutation within a DNA structure. The enzyme Cas9 acts as pair of molecular scissors, as it allows the placement and removal of genetic sequences, such as a sequence that leads to cancer.

It then guides RNA (gRNA) which is a pre-designed RNA sequence, binds it to the DNA, and essentially replaces what was there before. The premise of such a revolutionary medical apparatus could see the beginnings of a biological revolution, of sorts.

What excites doctors today is the application of such a tool. Akin to the notion behind stem-cells, CRISPR's healing potential is undeniable. The potential to remove negative DNA sequences from a person is only bound to the size of the full DNA sequence. This has led theoretical biologists to believe in the premise of immortality and the eradication of all modern disease. Such a method could harbingers the end for unwanted mutations such as cancer. However, human gene editing brings with it many ethical



CRISPR-Cas9 is still in early development, but scientists have already cured HIV in mice, and further study into CRISPR-Cas9 promises the cure of hereditary and congenital defects such as, cystic fibrosis and AIDS. Although CRISPR-Cas9 is definitely not the first of its kind, its accuracy and speed remains unparalleled by its counterparts, and the extensive repertoire of its potential is promising ■

Movie Review:

The Lion King

Directors: *Jon Favreau*
2019 | Animated | PG



By **Anshaali Singh** ★★★★★ out of five stars

I have loved *The Lion King* since I was a young child, so seeing a CGI remake of the film was a dream come true. Although the original 1994 version of this amazing story can never be beaten, Jon Favreau (the director) did an amazing job of recreating Disney magic. Singing along to *Hakuna Matata*, *I Just Can't Wait to Be King* and *Can You Feel The Love* and laughing at Timon and Pumba made me feel eight years old again. Speaking of the songs, the soundtrack to this movie is amazing

Seth Rogan (Pumba), Beyoncé (Nala) and the rest of the cast, did an amazing job in recreating the songs from my childhood. James Earl Jones, the original Mufasa himself, reprised his role as everyone's favourite King of the Pridelands, which was very exciting. The CGI brings to life the Hamlet-like story of Simba the cub, Mufasa the King, and Scar the evil uncle.

Beyoncé's casting as Nala has sparked up quite the controversy.

There are many who believe that she should not have been cast and that they "will never look at Nala the same" due to her distinct characterisation of Nala. Nevertheless, there are those, like me, who believe that Beyoncé did a great job in the role.

SPOILER ALERT!

Scar's death is as satisfying as Mufasa's is melancholic. Timon and Pumba are hilarious. Zazu has a British accent, even though he lives in the African Pridelands, and Simba grows up to be a great king.

I truly believe this film will forever have a special place in fan's hearts.

Now remember, as assessment period comes around, "Hakuna Matata!" ■



Want something reviewed?

Suggestion box can be found in the RIRC

Children of the Watch

By **Rose Wallis**

Imagine that you make one bad choice - to steal. It is nothing significant, but you take it when you think no one is looking, there is a shout behind you. The next thing you know, you are in a white four-walled cell. You have no way out. You have no rights. You have no parent, sibling or friend to protect you. You are 12 years old, and you are in Australia.

Appallingly, this is exactly what happened to a boy who, for legal purposes, will not be identified.

He is illiterate and has limited speech capacity. He is currently in foster care and has been for the majority of his life. When he was eleven, he was held in a maximum-security watch house, initially built for adults, and lived in close proximity to drugs and alcohol.

About two months ago, there was a crisis in the Australian criminal justice system, where 75 children between ten and sixteen were held in a Brisbane watch house. Most of these cells routinely hold juveniles as young as ten, who are legally not even supposed to be in watch house houses. This was the result of

overcrowding in all other youth detention centres in Brisbane.

Two months ago, the ABC's *Four Corners* program revealed these horrifying facts, which resulted in the government taking action and moving these children back to juvenile detention centres.

Overall, it raises questions about the current criminal justice and policing systems being dysfunctional, dangerous and inefficient. There is little supervision of watch houses outside the city, and Brisbane itself has the highest rates of juvenile detainees. What are we missing? ■



Iran's War with the West

By Caleb McGiffin

Are you interested in flying a drone? Well here are some tips on what not to do:

1. Don't fly your drone over / close to a country that hates you
2. Don't shoot down someone's drone with a missile
3. Don't shoot someone's drone down with next gen radio jamming tech
4. Don't start a war

To you, this list probably seems simple, silly even. However, it seems the United States of America and Iran have broken all but one of these rules. Recently, you may have seen headlines featuring Iran. This is due to a string of recent incidents creating tension between the Iran and the US.

These incidents began on June 20th this year, when Iranian forces fired a surface-to-air missile, or SAM, at a US drone flying off the coast of Iran. This strike sent the drone, which was executing a surveillance mission, into the sea. The US claimed that the drone had not been flying within Iranian air space,

however, both Iranian and Russian intelligence show evidence to the contrary. Iran fished the drone out of the sea, and put it on display like a hunter mounting a trophy kill. The US president, Donald Trump, was enraged by this, considering it an act of war and ordered US forces to attack Iranian radio and missile sites. Thankfully, the President reconsidered and called it off.



It seemed stability was returning to the region until July 18, when a US Navy ship travelling through the Strait of Hormuz spotted an Iranian drone flying near their position. According to the US, the drone came "threateningly close" and as such, the ship used LMADIS, a next generation radio blocking system, to disable the drone, causing it to plummet into the sea. Strangely, Iran claims that no such incident has occurred and that they have no news of losing a drone. Perhaps they are trying to appease the US, or perhaps they are trying to avoid losing face in front of the world.

The very next day, another incident occurred, this time between Iran and the UK. On Friday the 19th an Iranian naval patrol boat approached an oil tanker from the UK. The patrol proceeded to order the ship to change its course. The ship refused and, in response Iranian soldiers seized the ship. The US president then spoke about this incident stating that he was organising a meeting with the UK and also stating that Iran is "nothing but trouble". It seems as if Iran is trying to infuriate the entire western world.



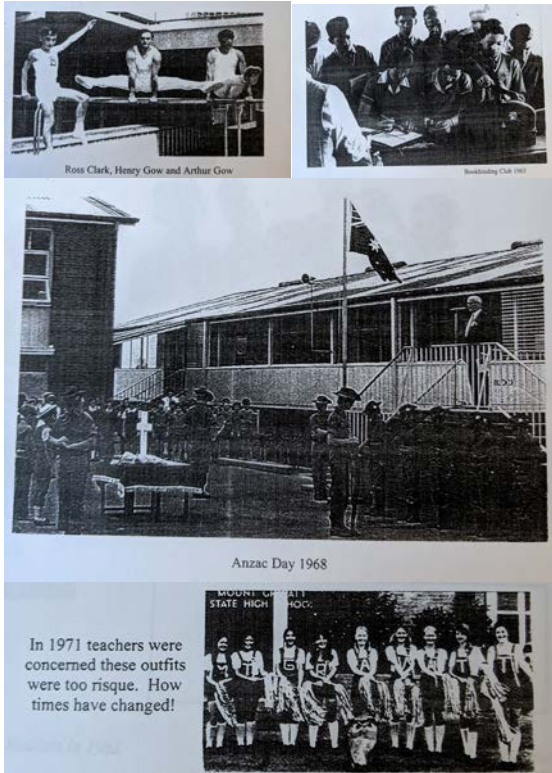
With Australia being an ally of both the US and the UK, if either power were to declare war on Iran would we be inclined to join them? If so, might we see a similar situation to Afghanistan and Iraq where Australia, the US and the UK invaded together? As diplomatic tensions continue to worsen, Australia has to decide where it stands on Iran.■

In the Time of the Dragon



The History of MGH Clubs

By Rebecca Heape



Images from School Magazines in the past

For a school that started in 1960 with 148 students, it is hard to believe how far we have come. Over the last 59 years, many clubs have emerged, reflecting the wide range of interests and passions held by the students and teachers at Mount Gravatt State High.

These unique clubs have given our school character, such as the Cake Icing Club, Fencing, the Car Club and the Typing Club. The Pony Club, in particular, was one of its kind, boasting twenty-eight students in 1962. Others such as Drama Club (since 1964), debating (since 1964) and Sing-Out (choir, date unknown) are still very popular today. Some clubs, including the Social Etiquette, Flower Arranging and Bookbinding Club reflected the era in which they existed. Which begs the questions, what reflects us now?

In total, MGH has had 66 official clubs. Many of these continue to thrive because students and teachers enjoy sharing their interests with the school community. It makes you wonder how many clubs MGH will have in another 60 years. What would you like to see as a club in 2020? ■

Did you know we have had over 40 clubs?

- Chess
- Gardening
- Geology/Volcano
- Camera/Photography
- Deportment
- Flower Arranging
- Aeromodelling
- Science
- Crystal set
- Stamp Collecting
- Square dancing
- Art
- Bushwalking
- Leo
- Reader's Cup (Current)
- Cooking (Current)
- Sewing (Current)
- Coding Club (Current)
- Writer's Club (Current)
- Senior Book Club (Current)
- Craft Club
- Stage Band (Current)
- Kokoda (Current, Years 11 and 12)
- Concert Band (Current)
- Wind Ensemble (Current)
- Junior Jazz Ensemble (Current)
- Debating (Current)
- Typing
- Pony Club
- Bookbinding
- Social Etiquette
- Car Club
- Gemmology
- Sing-out/Choir (Current)
- Steam Engine
- Fencing
- Current Affairs
- Radio
- Grade 8 Cake Icing
- Music Appreciation
- Campus Life
- Senior Drama (Current)
- Junior Book Club (Current)
- Yoga
- Junior Drama (Current)
- Cheer Leading (Current)
- Film/Videography (Current)
- Athlete Dev. Program (Current)
- Equestrian
- Percussion Ensemble (Current)
- Strings Ensemble (Current)
- Phantom
- Judo
- Natural Science
- Cadets
- I.S.C.F (Inter-School Christian Fellowship)
- Karate (Current)
- Newspaper (Current)
- Robotics (Current)
- Reading (Current)
- Dance Troupe (Current)
- Vocal Groups (Current)
- High Resolves (for Year 9 students)
- Running Squad (Current)
- Student Council (Current)
- Eco Club (Current)

CLAYTON'S CORNER

By Clayton Moore

Dear Clayton,

What does 'UwU' mean?

According to a quick Google search, this abbreviation is symbolic of a happy anime character. This is why it is often used as an alternative to a smiley face. Hope this helped UwU!

Dear Clayton,

How often do you need to water cacti?

It really depends on what type of cacti you are talking about. The term 'cacti' encompasses all plants in the cactaceae family. If you have studied biology, you will know that these plants branch (pun intended) into different genera and species. The reason I need to know what type of cacti you are talking about is because different species require a different amount of water to thrive. Get back to me with the type of cacti, and I'll be able to let you know.

Dear Clayton,

Have you been clubbing?

I am sixteen.

Dear Clayton,

Any tips on studying a new language?

Download 'Duolingo' on your phone, or access the website online. There are over thirty languages to choose from, and it is a great learning tool. Happy learning!

Dear Clayton,

Is coriander a worthwhile herb?

I do know my way around the kitchen, so I have a fairly strong opinion on this topic. Yes. Coriander is a very worthwhile herb.

Although some say that coriander is bland or rotten, I believe coriander is the perfect addition to a meal. It is a distinctively refreshing and tangy, not to mention incredibly versatile; it's the star ingredient in many soups, salads and curries. So there you have it. Coriander is more than worthwhile.

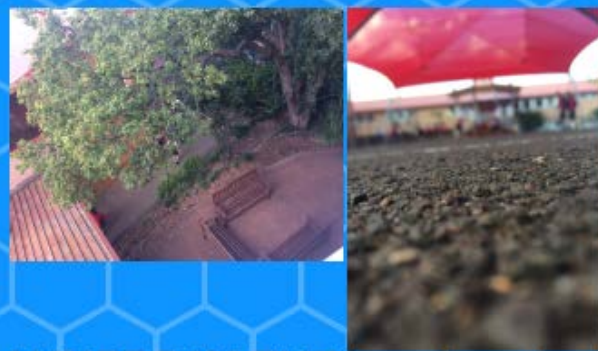
Dear Clayton,

Why are everyone's Instagram profile pictures blue?

In early June, the Sudanese government sanctioned a massacre on peaceful protesters. Hundreds of people were killed, raped and injured on the streets of Khartoum. A few days after the attack, social media users found a way to bypass Sudanese internet restrictions, and spread the word to the international community. How? By making their profile pictures the colour blue.

At the time of his death, twenty six year-old massacre victim, Mohamed Mattar, had a blue profile picture. His family and friends were the first to get on board, as they too changed their profile pictures blue. The Sudanese community followed suit, and the trend quickly made its way to nations all over the world. It was only a matter of time before millions of Instagram feeds were painted blue. Only a few months after the Christchurch shooting was live streamed on Facebook, this is exactly what the social media giants needed ■

Anshaali's Angles



Have a challenging angle you would like featured?

Upload your photos to Miss Knight!
Bxkni3@eq.edu.au



Unknown civilian protestor

Sudan Military Coup Ends

By Suhaila Quazi

Instagram stories and blue profile pictures: the most prominent reason why people currently know of Sudan. The country has been under severe abuse and the conflicts occurring are a human rights issue.

For thirty of the sixty-three years that Sudan has been an independent country, it has been under the rule of Omar al-Bashir. The long-time leader was overthrown and arrested in a military coup, months after a mass protest against his autocratic rule.

President Al-Bashir had been accused of genocide (killing members of the Fur, Masalit and Zaghawa ethnic groups), crimes against humanity (murder; forcible transfer; rape; torture) and war crimes (attacks on civilians in Darfur; pillaging towns and villages). Corruption does not come in any worse form than the one Al-Bashir has taken. The people of Sudan suffered for 3 decades, and were overjoyed by the fact that Omar al-Bashir was finally removed from command.

It seemed that peace would finally reign over Sudan after 30 long years of injustice, but when the

the Transitional Military Council took over the country, its state worsened. Although the face of the people currently in power is General Abdel Fattah Burhan, many people believe that the man actually pulling the strings is his second-in-command, Mohamed Hamdan Dagalo.

Dagalo, otherwise known as Hemedti. For years, Hemedti commanded the militia known as the Janjaweed, which oversaw the genocide in Darfur. The Janjaweed, which translates, as 'Devils on Horseback' were militias drawn from the Arab nomadic region. Under Hemedti, the Janjaweed murdered hundreds of thousands of minority in Darfur.

Hemedti is also responsible for the death of seven people, following the largest mass demonstrations since a sit-in in the capital was brutally cleared last month. In this demonstration, tens of thousands of Sudanese protesters rallied across the capital in a "million-man march" to demand a civilian government. Taking no chances, security forces fanned out across key Khartoum squares, firing tear gas and bullets into the crowds who attempted to reach the capital's

At least seven people died and one-hundred and eighty injured, according to Al-Jazeera.



The Million-Man March in Sudan

Sudan has been tumbling down a mountain, and now they have picked up the pace. Despite a telecommunications blackout in much of the country, there have been ongoing reports of excessive violence against protesters at the hands of security forces, including the detention and sexual abuse of children. Witnesses have described seeing para-militaries, the Rapid Support Forces (RSF), take the lead in the violent dispersion of the civilians.

The latest clash is a setback to the hopes of a transition towards democratic elections following the overthrow of veteran leader Omar al-Bashir earlier, in April.

The new generation of Sudan is bearing the brunt of decades of conflict, chronic underdevelopment and poor governance. Human rights violations by the government and armed militia are a daily occurrence. Knowing the danger, the protesters stared into the face of death and chanted for freedom.

Continued on page 7



Sudan's deposed ruler Omar al-Bashir faces trial over corruption



Have you ever caught yourself reading the same paragraph multiple times but nothing sinks in? Studying can be difficult, but there are ways to be successful at it.

Repeatedly looking over your notes or rewriting them is a common study strategy used by students when it comes to exam season. Unfortunately, this strategy is not very effective. However, below are many effective techniques that you can use to study for exams.

1. **Visual learners** (learn best when they see the material broken down): create mind maps, colour code notes, use visual aids such as flash cards, diagrams, pictures etc. or watch a short video that explains the topic.
2. **Auditory learners** (learn best when information is communicated verbally): participate in class discussions, read the material aloud or use word association. Alternatively, record your notes and listen to them on the bus.
3. **Read and Write learners** (learn best through reading and writing information): take detailed notes in class, turn diagrams/charts into words or write regular summaries in your own words.
4. **Kinaesthetic/Physical learners** (learn best by taking a hands-on approach towards the material): study with others, include examples in notes or add a physical activity while you study, like listening to recorded notes while you walk.

Depending on the type of information studied, certain techniques can prove more effective than others can. You might want to try a range of these techniques to see what works best for you. Overall, the more meaningful you make the information; the more effectively you will be able to process it. ■

Sudan Military Coup Ends Continued from page 5

Progress was finally made last week, when civilians and the army reached an agreement to jointly government.

Declan Walsh, a journalist for The New York Times writes, “Sudan’s military and civilian leaders signed a landmark power-sharing deal at a joyous ceremony in the capital, Khartoum, on Saturday, signaling a new chapter in the life of the sprawling African country, which has been rocked by eight months of popular protests, a coup and a bloody military crackdown”

We hope, for Sudan’s sake, that this peace is a lasting one ■



Lt. Gen. Abdel Fattah al-Burhan, center, is to lead the governing council for the first 21 months. Ashraf Shazly/Agence France-Presse — Getty Images

DEEYA BARDOLIA

WHICH 'STRANGER THINGS' CHARACTER ARE YOU?

The recent release of the third instalment of the award-winning Netflix show, *Stranger Things*, has left everyone speechless. While the show's suspenseful plot and action scene definitely keep you hooked, the characters really make it unique. In this issue of the MGH Gazette, we take a trip to the Upside Down to find out which *Stranger Things*

Questions	Choice A	Choice B
1. What would you do if you stumbled across a lost puppy?	Nothing, that's someone else's problem	Take it home, feed it and try to find its owner
2. How would you defend yourself from a Demagorgan?	Using a slingshot, I don't want to get close	Whatever's around, let's get face to face
3. What word would your friends use to describe you best?	Funny	Responsible
4. If you could have one super power, what would it be?	None, my wits are enough to get me through and difficult situation	Telekinesis
5. Pick a food	'Nilla Wafers	Eggs
6. If one of your best friends moved away, what would you do?	Do things that remind you of them	Call them every day
7. If someone suddenly appeared, claiming they had supernatural powers, what would you do?	Make them prove it	Immediately become their best friend, you suspected magic existed all along.
8. It is late and you need to get home, but you are asked to play another round of Dungeons and Dragons. What do you do?	No, we can play again tomorrow	Is that even a question?

If you picked mostly A

You are more like Dustin and Lucas. You are probably the person who brings comedic relief in your group of friends. Like Dustin and Lucas, you are willing to put a lot of work into your friendships, as long as you think they are worth it. It takes a little while to gain your trust, but once someone has it, there is no better person than you to have on their side.

You picked evenly between both

You are like Eleven or Max. You bring balance to your friendship group. You are level-headed, so you know when to keep pushing and when it might be time to take a step back. You are also a truly loyal friend and will do whatever it takes to help. However, you also know how to stand up for yourself, which is a good quality to have.

If you picked mostly B

If you lived in Hawkins, you would probably be Will or Mike. You are very compassionate, committed to yours friends and in tune with your feelings, which means you are not afraid to be really with them. You will do whatever it takes to help a friend, even if that means risking hurting yourself in the process. You tend to find yourself in some unlucky situations, but somehow everything works out in the end.

