



# The Crown

*by the students, for the students*

The King David School Student Magazine | Edition V | September 2017 Elul 5777

THE KING DAVID SCHOOL



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# Editor's Note by noa abrahams

Usually when I walk into a meeting for The Crown, I am met with a few enthusiastic faces. Usually, all the work happens outside the meetings, everyone coming together only at the end of term to celebrate our publication. When I walked into our first meeting for Edition II of 2017, I was met with more than ten smiling contributors, everyone chatting and excited about getting involved.

It's so exciting to watch The Crown develop into a publication that more and more people are apart of and interested in. As I become more involved in VCE, younger students are stepping up to continue our student magazine which means it can continue to grow and gain momentum. I'd like to make a special mention of Em Borenstein, who has been enthusiastic to take on more responsibilities in organising and designing The Crown and helping take much of the load this semester.

We have many new contributors joining this edition as well as our regulars,

which is very exciting and has meant our publication has officially reached a height of 20 pages!

An exciting develop in this edition of The Crown is our introduction of a 'teacher's corner'. We felt it was time for teachers to share in the greatness that is the pages of The Crown, and to start off this new section, Claire Stanner has written a very interesting investigation into new fossil discoveries and their links with otherwise unknown species of humans.

This term, we took contributors of The Crown to the Melbourne Writers Festival: unfortunately our first stop, the underground zine shop Sticky Institute was closed, but I am determined that we will get there next time! However, we did get a chance to check out a maze-like and beautiful second hand bookshop on Flinders Street before heading to the Immigration Museum for a workshop with author Alice Pung, who lead by example to show how to be an effective and captivating storyteller.

So all is well. The Crown team grows bigger and stronger with every term that passes, our excursions continue to broaden our young writers' horizons, and younger students are continuing the student magazine movement with vigour and great accomplishment.

Enjoy!  
Noa and the team xx



'Rosie' by hannah ungar

# Inter-Year Level Relations

## Year 6

Name: Sienna and Tali  
Favorite highlighter to chew:  
Both- highlighters  
Favorite hang out spot:  
Behind the busses- the drivethrough  
Ideal lunch:  
Sienna-Crackers  
Tali- apple?  
Opinion of the the School song:  
Tali- we should change it.  
Sienna- it's fine.  
Favorite thing about school:  
Lunchtime! And socialising  
Most embarrassing school moment:  
Tali- Sienna... shes embarrassing.



## Year 7

Name: Abby  
Favourite stationary to chew:  
Pencil  
Favourite hang out spot:  
With the year 11s  
Ideal lunch:  
Falafel from tuck shop  
Opinion on the School song:  
Kinda weird  
Favourite thing about school:  
Sarah, Ella, Kylie  
Most embarrassing school moment:  
When a year 9 found out I liked him #shame



## Year 8

Name: Erin and Ashley  
Favourite stationary to chew:  
Erin-pencils the spliter are ll part of the experiance  
Ashley-pens  
Favourite hang out spot:  
Ashley-Monkey bars  
Erin-The ground  
Ideal lunch?:  
Erin-toasted cheese, chocolate oat things and muffin  
Ashley-challah role  
Opinion on the School song:  
Erin- nice tune very original I like the Hebrew part  
Ashley-I actually like it  
Favourite thing about school:  
Erin-getting to see my friends everyday & BuzzFeed  
Ashley- Erin  
Most embarrassing school moment:  
Erin- my friend and I tried to eave school and got caught by the same teacher twice  
Ashley- the flash mob



## Year 9

Name: Amira/ Le Mizz  
Favourite stationary to chew:  
Um... None  
Favourite hang out spot:  
hallway, just coz  
Ideal lunch:  
Can I have a second to think? Does it have to be healthy?  
Opinion on the School song:  
It's beautiful, truly monumental.  
Favourite thing about school:  
Wait I'm thinking! Everything it's the best place on earth but probs lunch  
Most embarrassing school moment:  
Ugh everydayyy...



## Year 10

Name: Cal  
Favourite stationary to chew:  
A good pen  
Favourite hang out spot:  
The car park  
Ideal lunch:  
Just food  
Opinion on the School song:  
It brings joy to me every time I sing it  
Favourite thing about school:  
Lunch  
Most embarrassing school moment:  
6 of us in one bed and Conyer walks in.



## Year 11

Name: David  
Favourite stationary to chew:  
Four pen  
Favourite hang out spot:  
Here. (Locker alcoves)  
Ideal lunch:  
Coconut rice with satay sauce (if there was an available microwave)  
Opinion on the School song:  
I love it. I feel proud to be part of this skewl  
Favourite thing about school:  
The teachers  
Most embarrassing school moment:  
No comment.



## Year 12

Name: Jamie  
Favourite stationary to chew:  
A pen's boring isn't it?  
Favourite hang out spot:  
The scooch  
Ideal lunch:  
Other people's  
Opinion on the School song:  
I love it  
Favourite thing about school:  
My beautiful cohort  
Most embarrassing school moment:  
I fall over all the time



# Food of the Future

by ari epstein and abraham nathan valentine

If you eat meat and are in school this year, chances are that when you are an adult, you will not be eating the familiar lamb, beef and other things like venison or duck. This is because they are very unsustainable. It takes about 15,000 litres of water and produces 300 kg of Carbon Dioxide just to make one kilogram of beef. If we continue like this, all water on earth will be gone. Apart from the entire planet going vegetarian which still, takes up huge amounts of water, scientists are coming up with methods to feed a rapidly growing planet.

The first, and probably least appealing of these options, is bugs. Eating one whole is not an easy thing to stomach. However, this not the only option. Bugs can be ground up into flour, and then used to make bread. When done right, many people can not taste the difference between the newly created "bug bread" and normal bread. When getting all the bugs, they cannot be harvested from the wild, but rather at bugs farms. At these farms, the bugs, usually common crickets, gorge on food until they are full size and are then are frozen to death in a humane way. After this, they are ground into flour.

Another option is artificially grown meat. This is basically meat grown in giant vats. This is a better method of producing food because it is much more environmentally friendly(see graph).

How it works: Small amounts of stem cells are extracted from an animal's muscle and emptied into 5000L vats.

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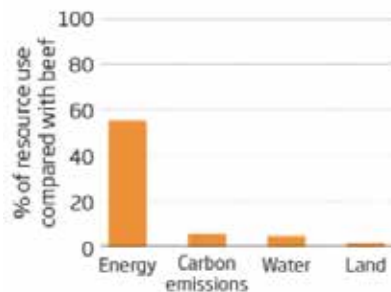
Then they get heated up to about 30-40 degrees to stimulate growth. a "Growth fluid" is added. This is a mixture of Bovine Foetal Serum (the remaining blood after natural coagulation) and special antibiotics to stop it expiring and to stop other growth. The vat is then slowly mixed and left to grow for several months until all the growth fluid has been eaten. The meat then can be extracted and packaged.

However, an issue that may occur could be that the meat made tastes terrible as it is pure muscle and contains no fat or other impurities. The solution to this problem is to add small amounts of the impurities' stem cells into the mix.

In conclusion, the future of food will be an exciting time for both foodies, scientist and farmers alike.

## Artificial but greener

Estimates of lab-grown meat's environmental impacts suggest it would only use a fraction of the resources needed to produce beef



We all love our Great Barrier Reef. But right now, it's feeling the heat. Huge parts of our national treasure have been damaged by the mining and burning of fossil fuels like coal and gas. Together we can make the Reef colourful again, by going without something you love to stop Adani and ban fracking in the NT.

## TO GET INVOLVED:

1. Email Noa!! [noa.abrahams@kds.vic.edu.au](mailto:noa.abrahams@kds.vic.edu.au)
2. Sign up!! [fortheLoveof.org.au](http://fortheLoveof.org.au)
3. Join the KDS Team and choose what you will give up
4. Spread the word to get lots of sponsors so that we can raise money to save the Reef



SIGN UP TODAY!

# FOR THE LOVE OF *the Reef*

GO WITHOUT SOMETHING YOU LOVE TO STOP AUSTRALIA'S LARGEST COAL AND GAS PROJECTS FROM WRECKING THE REEF AND CLIMATE.



Coffee



Chocolate



Avocado

[FORTHELOVEOF.ORG.AU](http://FORTHELOVEOF.ORG.AU)

aycc

SEEDS

OCTOBER  
9-22

# Photography

by jonah epstein and alex cowen



By Alex Cowen



By Alex Cowen



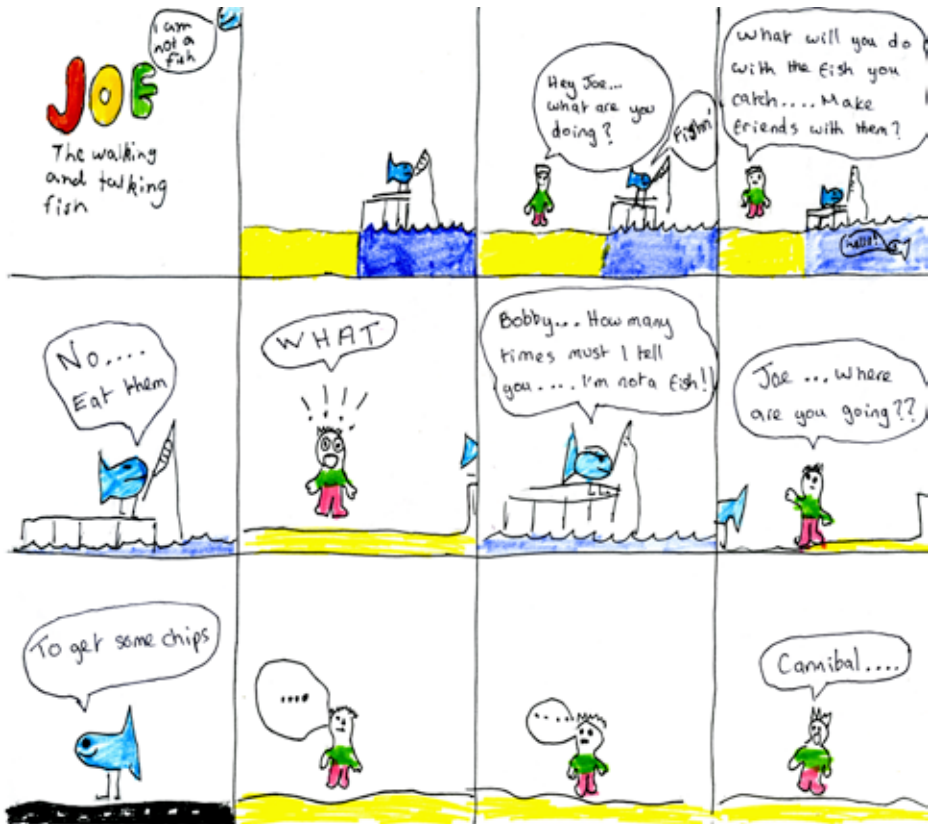
By Jonah Epstein

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By Jonah Epstein

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# The problem with Google Docs

by nathan greenwell

So, I'm guessing you know of Google Docs. We use it in school almost everyday. To the average child in Year 6, Google Docs is Google Docs. But, to a seasoned Microsoft Word user, Google Docs is a lesser, more frustrating Microsoft Word. There are only two things that Google Docs has on Word. The ability to have two people write on one document at the same time via different computers, and Google Docs is free, unlike Office 360 (Which if you know, you can get a free school account with your school email if you are over 13, or lie about your age). However, there are some fundamental problems with Google Docs, that Word luckily doesn't have.

Let's start with maybe the most used feature to adjust an image, is wrap text. Wrap text allows the text to wrap around the image, so an image can be placed in the middle of text, but it also allows you to move an image around freely, not stuck in line. But, actually, it has one of the biggest butts ever. If you want to move your image up and the top is not in your screen, it will move up with reckless abandon. In some cases, when moving your image down, it will get stuck under the page and not in the next. It becomes infuriating while trying to move an image to print out alongside text, and the image getting stuck in the wrong place!

Another problem, is the lack of grammar check. In Microsoft Word, the red line under a word means it is spelt wrong and a blue line represents a grammar problem. This is thrown out

the window with Google Docs. I can't count how many times Google Docs didn't pick up my classmate's grammar. And to make up for this, the Grammarly chrome extension doesn't support Google Drive! The title on Google Docs doesn't even have spellchecker! This all adds up to have to copy the document and paste it into a program that can check your grammar, copying that, and pasting it back onto your document. It is tiring when such a simple patch could combat this.

I could name many more problems, but I have to keep it to three. Lastly, the lack of offline mode is unacceptable. I get it. I get that you need internet connection to connect to the Google servers. I get that you need internet to share the doc. But c'mon. Word did it in the 1980's. Why can't Google do it in 2017! A simple fix for this would be the ability to save your doc, allowing you to write offline, save, and then have it back in drive. Or restricting certain things that require internet connection.\*

It's hard to think that such a big and smart company like Google can make such a feeble program. Many easy fixes could be made however Google use it on better things, like self-driving cars and the Google Home. So I can't really blame them for never patching Docs.



# Teacher's Corner: Written in Bones

by *claire stanner*

What can a small piece of bone actually tell us? As it turns out, quite a lot!

In 2008 scientists discovered a small bone fragment belonging to a pinkie finger, in a cave in southern Siberia, Russia. Through fossil and trace evidence 'Denisova Cave' is known to have been inhabited at different times by both Neanderthals and modern humans.

The bone itself is quite special. It is estimated to be about 40,000 years old, and although it is broad and robust, like that of Neanderthals, it doesn't exactly match other Neanderthal fossils. Scientists had to draw on another line of evidence to learn more about the origin and owner of the bone fragment.

Extraordinarily, the DNA within the bone fragment was well preserved. Usually after death, DNA molecules begin to breakdown so that over time they completely fall apart and can no longer be studied. For any fans of the Jurassic Park movies, I am sorry to report that because of this we will not be able to clone dinosaurs. As dinosaur fossils are over 65 million years old, there just simply isn't any DNA left from which to clone.

But I digress. Let's return to our finger bone.

DNA analysis of the finger bone revealed that it belonged to a female who was approximately 7 years old when she died. What astounded scientists was that the DNA did not match DNA samples of the

Neanderthal, modern human or *Homo heidelbergensis* (a possible human ancestor). Instead, scientists believe that the young female belongs to an otherwise unknown group of hominins. Two teeth have since been found in the cave belonging to different individuals and DNA analysis has confirmed that they belong to the same group of hominins. This group have been called Denisovans, however their classification has still yet to be confirmed. The reason for the delay is that it appears we share DNA with both Neanderthals and Denisovans, who also share DNA with each other. This implies that, at some stage, interbreeding occurred between these three hominin groups.

In Biology, a species is defined as a group of organisms that can breed and produce fertile offspring. DNA analysis indicates Denisovans did breed with *Homo sapiens*, and the fact that we are still around today indicates that this breeding resulted in fertile offspring. Nevertheless, just like Neanderthals, the issue of classification remains hotly debated.

Would you like to know what's even more exciting? The Denisovan DNA samples indicate the presence of DNA from yet another distinct hominin group... a group which to date was completely unknown to us and for which we have no fossil record of.

As new evidence emerges, the human family tree continues to change with new additions and new interpretations of existing relationships. So watch this space!

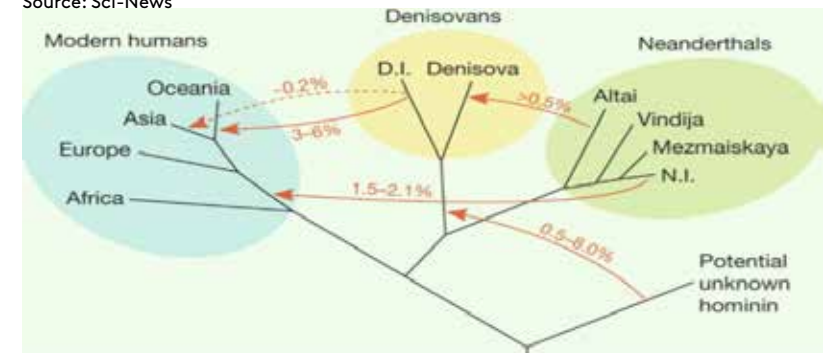
A partial finger bone found in the Denisova Cave, Siberia.  
Source: Max Planck Institute for Evolutionary Anthropology



Entrance to the Denisova Cave in Siberia, Russia  
Source: National Geographic Society



Family tree of four groups of early humans living in Eurasia (Europe and Asia) 40,000 – 50,000 years ago and the gene flow between the groups due to interbreeding (red lines).  
Source: Sci-News



# Drawings by charlotte cowen





# Forever Alone

by alex cowen

The year is 2050. I remember it all. The cold oceans, broken coral and no living organisms in sight. But worse is that I remember what it could have been. What it was.

The year was 2011, I was seven years old swimming in the utopian, colour filled, simple but complex, serene but chaotic Great Barrier Reef. When I entered that world the outside world stood still. All there was was me snorkelling and the fish swimming. I wasn't an intruder, I was just one of them. I was there, holding my dad's hand as we glided through the colour filled wonder.

Then it was 2017 and it was my 13th birthday. All I had wanted was to get my scuba divers licence and this was the day. I plunged into the Great Barrier Reef again yet it wasn't the same. The coral was almost all bleached and there were hardly any fish, and when you saw fish they were grey. I was an outsider looking into a dark, grey, awful world in which I didn't belong. Not only that but in the January of that year my dad had passed away on a beach where I spent many days pondering the sand and crashing waves. My dream to return with him, gone, and my hope of re-entering the world smashed.

I had lost all faith. Why would anyone destroy such an incredible world? I was only 13 but I knew that I needed to make a difference, so I did my research. Some websites said it was the fossil fuels, greenhouse gasses, etc that were killing the earth. Others said it was a natural cycle, however, there was one video that changed everything. This was it.

"FOOD!" Yelled the speaker.

The speaker was a mid 30-year-old woman. She reminded me of someone who had just given up; as if her whole life she had been searching for an answer that didn't exist. She had a simple glimmer of hope in her eye, one that you can only see if you have the same glimmer. She scared me in the way I thought I could become like her. She seemed sad as if all her prior determination and persistence was gone.

"Food is what's killing us all! We eat to keep ourselves alive, we eat to socialise and sometimes we don't even eat what we have on our plates, but it's food alright!"

I sat at my computer in confusion and astonishment. I needed to know more. "First of all, the tame, innocent cattle and livestock that we pit as being kind and harmless is what is destroying our earth! They release a chemical called Methane Gas which is basically a mixture of water and CO2. CO2 then starts to heat up the earth because it is trapped in the atmosphere. The only way to get rid of CO2 is through plants, and one of the biggest areas of plants is rainforests. Almost every second an entire football field of land is cleared in the Amazon Rainforest, (the biggest rainforest in the world). That is the cycle! The cycle in which if the cattle and livestock weren't bad enough, people are literally tearing down the fix to the problem!"

I was in shock. The saddest thing about this was that I had no power to help. I wanted to do something but history

and self-experience had shown me that no 13-year-old girl has the power to make a huge change- especially one that involves the whole world. I kept watching.

"Secondly, FISHING! Fishing is a sport, a game and a killer! The ocean is the most precious and the most beautiful gift we have on this earth so we decide to pollute it and take from it, and bleach it, etc?! People all over the world put huge nets in the oceans and scoop up thousand of fish at a time- not including the by kill of whales, sharks, etc! Two billion fish and sea life are taken from the ocean each year; and why?! Because we as humans have no problem killing, even if it means killing ourselves. If the fish die we die because of our ecosystem- yet we continue!"

I stared blankly at my computer horrified. I felt as if I was left empty with no control on anything. I wondered if my kids would have to live through the end of the world. I continued watching.

"And finally, the biggest problem of all is miscommunication. We rely on communication to get us through simple tasks such as where to eat for dinner or a simple piece of advice; whether it be through social media, the newspaper, a different media platform, on TV, texts or a different electronic of talking method, our whole lives revolve around communication. Our lives revolve around communication so much that we spent every concise millisecond we have on this earth using some form of communication. However, all of the information I have expressed to you has not been properly communicated, and as a result of this nobody knows what to do! And the reason?! Well, the reason

is simple! No one is going to support or give money to a website or organisation where all it is saying is either we need a world behavioural change or the world will explode because of CO2 levels!"

"So in conclusion, we are rapidly reaching the 2 degrees Celsius point higher or lower in which the world will explode; and while the world doesn't listen we are facing inevitable doom, and everyone who knows about this is going to slowly watch the world and all of the wonders, beauty and all good in the world slowly die. My name is Shelly Cooper and you heard it here first!"

I didn't want to believe it. I wasn't ready to face the fact that my children or grandchildren wouldn't have the same world as me.

The years passed slowly and then in was 2050. In fact, it was just yesterday. "Breaking News!" I read on the TV. "The core of the earth has heated up to the two degrees Celsius point in which we will die. I would recommend getting with your family and saying your final goodbyes."

The world went into complete panic. But I stood still, free from pain or worries. My whole life had been a failure why not die failing.

And how am I here now you might be thinking?

Well that's a story of another time. All you need to know is now I sit here slowing going insane, curled up in an old armchair doing what the voices want me to do.

Forever alone remembering what it could have been.

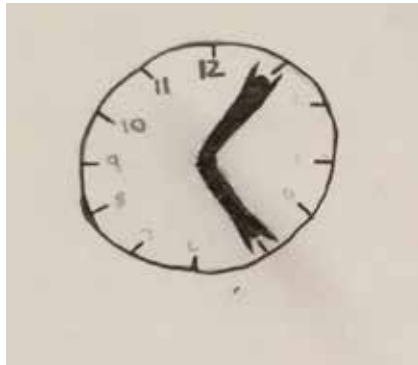
# Sketches by chelsea mofsowitz



## World Vision/World Strength

A sketch of an eye with the earth as the pupil.

The world changes us, and there is only so much we can do to make it a better place.



## Time Keeper

This is a sketch of a clock with two people as the minute and hour hands, with numbers fading.

No one is ever 'too busy', it's about priorities. Make time for things before you run out of it because you can't get it back once it's lost. People take time for granted, and I think that's a problem.



## Happily Never After

Sometimes there are no happy endings because life is not a fairy tale and you don't always get what you want. This sketch of a sad Ariel represents these ideas.

# The Democracy of KDS

by theo boltman

In times where American democracy is being challenged more than the acceptability of Purim costumes, we think more about our own democratic rights and what we have the opportunity to choose in our long or short lifetime.

As you may have seen in my last article, "Boys, Buns and Bobby Pins" (Edition 4), I like to not just base ideas on my opinion, but to hear other people's opinions, so I decided to do a survey on 40 students and 10 teachers in our school, asking them a straightforward question: Do you think the students in our school have enough democratic rights? I mean, do we get to voice our opinions for things that our school upholds? Some examples: school captains, uniforms, subject choices and tuckshop menus. Here are the results from the survey:

Here are the results from the survey:

## Student opinion



This really shows how we have different opinions and how a lot of people are not afraid to be honest and open about these.

## Teachers Opinion



The charts not only show how good I am at making a wicked pie chart but it also shows people how others think, because when I asked people the question I did not tell them what other people had said.

I allowed them to explore their own mind.

Does this mean that the school needs to hear the students a bit more and take in what they are requesting? There is a chance that if the school gave students more options, we would be more likely to open up to teachers and coordinators.

My analysis of the teachers, is that seventy percent of them think that we have enough democratic rights, but thirty percent still think there is room for improvement.

Somehow we need to find the happy medium between students having a say in our school and teachers still being in charge.

Editor's note: A student election on a new tuckshop menu would elevate the tuckshop into the one-stop shop for all food items.

# What is the Best Pet?

by rose stein | photos by jonah epstein and hannah ungar

We interviewed some of the 6kk to find out what they think is the best pet.

Why are dogs the best pet?

'Dogs are our favorite pets because although others may disagree, dogs are loving and kind. They know when you are upset and when you need somebody. They are always there to give you attention. If you are tired and they are jumping around too much, they can become relaxed if you need them to. They are comforting and are known to be a man's best friend. They are cute. They are playful. They are the best because they stick by you and are always on your side, unlike cats. Because they're dogs.'

Spoken by: Lily Stein, Unknown Kronberg, Anonymous, Charli, Jack, Jay, Charles

Why are cats the best pet?

Cats are the best pet because they are cuddly, loyal and cute.

Spoken by: Ori Raziell

Why are horses the best pet?

Horses are the best pet because if you stick an ice cream cone on their head they are now a unicorn and unicorns are magical.

Spoken by: Untold, Shayna (agrees)

