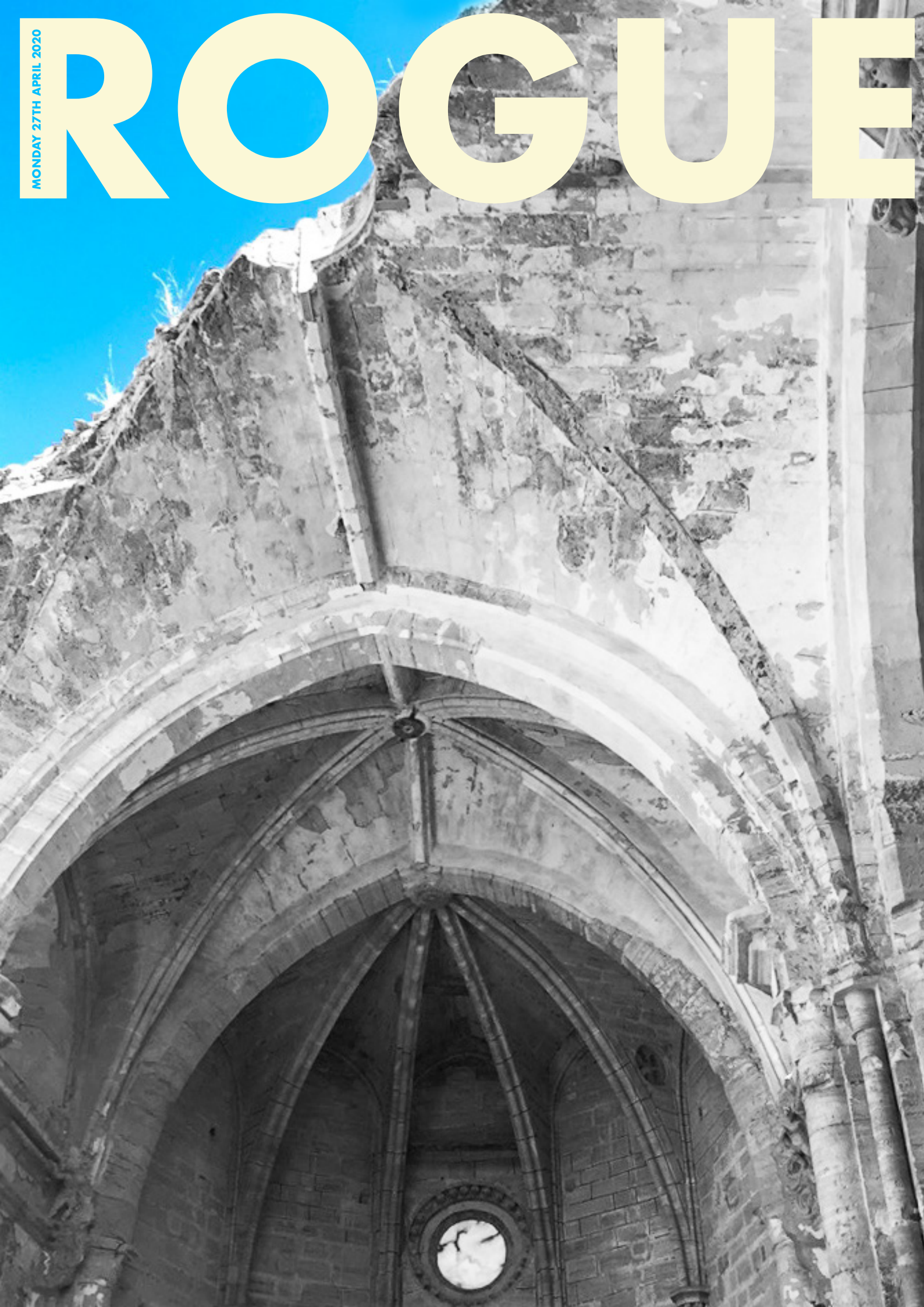


MONDAY 27TH APRIL 2020

ROGUE



THE HEADMASTER'S VOICE



Dear Superstar Pupils,

A remote welcome to the new Summer Term.

At the end of this first week I would normally be letting you know just how many days there are left before Year 12 Exams and before Study Leave for Year 11 and Year 13.

I'd be wishing Mr Swan good luck in his 37th London Marathon and wishing many of you success in the Restless Triathlon and Croydon Performing Arts Festival, which we were due to host this weekend.

I'd probably be congratulating Ted on his maiden 50 at the start of the Cricket season and we would be hearing of the great success of the MUN Conference in St Andrews and of your enjoyment of the CCF Ski Trip. Of course, all of this has been lost to the COVID-19 restrictions which we are all following, to ensure that we stay safe and stay well. It is difficult being away from our learning, our friends and from our School Community and I applaud you all for the positive way in which you have been engaging with the remote learning programme thus far.

I am keeping myself focused on a return to 'normal' school as soon as possible and, without in any way wishing my life away, I am working on the mantra that each day that passes is another day closer to the time when we will be back here together on our beautiful campus.

Before that time, please stay connected with us via your tutor and your House Team. Do keep looking after those close to you at home and

also look out for your friends. My challenge here is to actively 'do good', not to just passively 'be good' and to continue to think about the importance of 'non sibi sed omnibus'.

With our beautiful campus and perhaps a little more time than usual for reflection in mind, I have been drawn to W H Davies poem 'Leisure':

'What is this life if, full of care,
We have no time to stand and stare.
No time to stand beneath the boughs
And stare as long as sheep or cows.
No time to see, when woods we pass,
Where squirrels hide their nuts in grass.
No time to see, in broad daylight,
Streams full of stars, like skies at night.
No time to turn at Beauty's glance,
And watch her feet, how they can dance.
No time to wait till her mouth can
Enrich that smile her eyes began.
A poor life this if, full of care,
We have no time to stand and stare.'
My best wishes for the term ahead.



EDITORIAL

I finally managed to watch 'Frozen 2' on Friday night and a specific Olaf quote has stuck in my mind: 'we're calling this controlling what you can when things feel out of control.' The quote appears, to me at least, to have a deeper resonance right now beyond the obvious rush for hair dye and struggle to find a hobby. We're all far more aware of each other, more specifically our friends and loved ones, the people we often take for granted. With more time on our hands, we're taking more care to build those relationships. We've even found common ground than a postcode with our neighbours every Thursday night. Many of us have begun to take more control of our lives than we often realise.

The past week or so has shown wonderful displays of us coming together as a country and as a community. Despite all odds, we keep making things work. The BBC's 'Big Night In' brought the country together to raise a massive £67 million, whilst Captain Tom Moore is just shy of £30 million (more on him next week)! We're even coming together as a global community through the power of music, Global Citizen's 'One World Together at Home' saw celebrities perform from their homes. It doesn't matter where we are or what we're doing, we're all coming together to help each other out. At a time when Governments are divided, we as people have bonded over a shared experience and our desire to help one another, which is something that desperately

needed to happen. Whilst life is a little crazy right now, like something out of a dystopian novel, we've found solace in building relationships with each other. Although the world feels far away right now hopefully one day it'll feel a little smaller.

This week, Vlada and Iris have ventured to Europe to gather the perspectives of family and friends and bring the world a little closer to home. Chloe and Ms Pringle have read half The British Library to provide you with the best reads for when you're seeking comfort in a little bit of escapism. Adina is explaining the science behind vaccines to save you from the dark hole that is Wikipedia and Sammie takes a look at brands and their response to the pandemic. Zoya and I are currently deep in revision mode, so this issue features Ella Jones' wonderful text editing, she's kindly agreed to help us out whilst we're obsessing over micro-details.

Whilst everyone's in back to school mode and taking control of their education Olaf style, it can be a little difficult to get into the swing of it when none of us knows exactly what happens next, such uncertainty can be unnerving at the best of times. So, just remember, 'when one can see no future, all one can do is the next right thing.'

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ROGUE NEEDS YOU!

We're looking for contributors, whether that's weekly or just a one off, no journalistic experience is required we're open to all! Rogue is not just looking for articles, we're also looking for any content you feel others might enjoy. Have you heard or seen something funny on Microsoft Teams, got a picture of a pet working from home, heard some good gossip, learnt a new skill you'd like to share, want to set a quiz, got a good (clean) joke or just got a question that needs to be answered? We want to hear from you!

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BY ELLA WESTLAND

CREATING A VACCINE

Vaccinations are used as a way of stimulating an immune response to a specific disease in order to produce long-term immunity against it. Typically, vaccinations are injected into muscle (intramuscular) to expose the body to antigenic material that has been made harmless and will not induce the disease itself. The body's immune system will respond to the antigenic material as it would to the actual disease, by producing antibodies that are specific to the antigen, as well as memory lymphocyte cells that remain in the blood after the disease has been defeated. These memory cells will ensure that, if the pathogen enters the body and its specific antigens are detected again, the immune system will respond faster, whilst producing more antibodies than before. This process is called the secondary immune response and allows vaccines to help the body combat diseases more effectively, speeding up recovery times. In most cases, the recovery will be so quick that the body will not even show symptoms of the disease. Some vaccines may require more than one dose to 'boost' the vaccine's effect, in case it wears off.

There are a variety of different vaccines that contain different types of antigenic material. These are:

- Inactive vaccines which contain 'killed' antigenic material that has reduced pathogenicity (disease-causing capacity) after being grown in culture. E.g. the vaccines for cholera and typhoid.

- Live vaccines that contain weakened, yet living, pathogens such as the vaccine for smallpox.

- Toxoid vaccines that contain a weakened toxin (toxoid) to prevent diseases caused by toxin-producing bacteria such as the vaccine for tetanus.

- Conjugate vaccines that use and conjugate (connect) the antigens and its polysaccharide

coating on a pathogen. The polysaccharide coating would normally disguise the pathogen such as the Hib vaccine for hepatitis B.

- Subunit vaccines that only contain the pathogen's antigens such as the vaccine for whooping cough.

In the past, some vaccines have taken up to 5 years to develop, as there are many challenges faced in the development process. Currently, in order to control the pandemic, researchers are working as hard as possible to quickly produce a vaccine for coronavirus. Just this week, it was announced that the first human trial in Europe for a coronavirus vaccine has begun in Oxford. Diseases that cause epidemics and pandemics are monitored closely as the pathogens that cause them can mutate often, making them harder to control, as their specific antigens change and are unrecognisable to the memory cells produced from vaccination. New diseases are typically dealt with using ring vaccination, which is where the vaccines are only used in the area where the disease appeared. Herd vaccination is used as an attempt to get the entire or majority of the population to achieve immunity to a disease.

Some people argue that natural immunity (achieved by either the person suffering from the disease and producing antibodies or by the transfer of antibodies via the placenta or breast milk) is better than artificial immunity (achieved by the antibodies produced in response to a vaccination or by the antibodies being injected directly into the body). One reason for this is because natural immunity may be longer-lasting or stronger, although it requires getting and suffering from the illness first. As well as this, many people are sceptical of vaccines and the possible risks they could bring, as people are unsure as to what exactly they are having introduced to their bodies and how they could react to it. An example of this would be the use of peanut oil in adjuvant vaccines, which aimed to improve

the vaccines' strength, but is thought to cause peanut allergies. Other common reasons that people oppose vaccinations is that they believe vaccines may cause autism (this claim is totally unfounded in science), or that they don't trust the science or manufacturers' motives behind them and they fear the vaccines could make them unwell.

Before they can be used on a large scale, vaccines need to be tested and trialled for efficacy and side effects on humans. Vaccines can have adverse side effects depending on the vaccine, such as swelling, soreness or even, rarely, long-term seizures and brain damage - which should always be taken into consideration before having a vaccine. Despite this, vaccines are important as, other than preventing many people from being at risk of contracting serious and deadly illnesses, they protect vulnerable people, like the immuno-compromised who cannot receive vaccines.



BY ADINA BROWNE

BRANDING IN THE TIME OF CORONAVIRUS

Due to the fact that we are all stuck indoors, most of us have probably spent our days watching TV or scrolling through social media. Many of us (including myself) have probably noticed a large number of adverts or Instagram posts that are centred around the virus or promoting self-isolation. Whilst this can definitely be seen as a good thing as it encourages people to stay at home and not spread the virus, it could be argued that some brands are doing nothing but jumping onto a trend in order to get positive recognition.

Whilst watching television the other night, I noticed that nearly all of the adverts were Coronavirus related. Gumtree has released an advert congratulating people for staying at home and thanking the NHS for their hard work during these troubling times. Dove released an advert on the importance of washing your hands (which hopefully we should have all been doing anyway) in order to promote their hand-soap. Facebook even released an advert about social distancing and staying at home and told us that social media is a good way to stay in touch with friends and family. Even on social media, I noticed more brands basing their posts on our current situation. For instance, Tommy Hilfiger have been promoting their sportswear by encouraging the public to stay active at home and even provided some 'top tips' to help us do that.

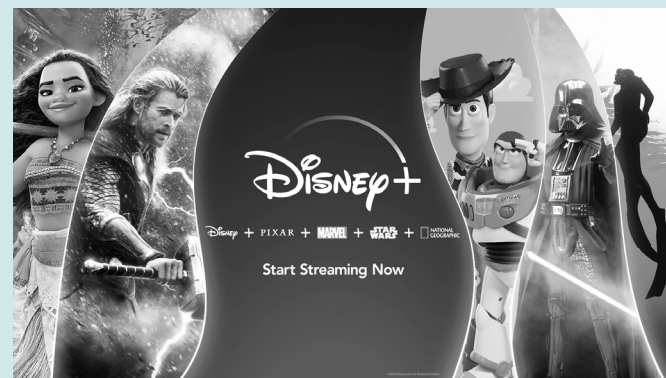
Whilst it can be argued that there are good intentions behind these adverts as some may be influenced by them to obey government orders to social distance, many believe that some brands are simply doing this to promote their products and make more money. Clothing brands are especially guilty of doing as they will often promote their new clothing lines on social media and try to include the phrase 'stay at home' somewhere in their captions to prove that they care about current affairs. This is quite clever, considering the fact that more

people are now turning to online shopping during this pandemic and possibly even spending more money than they did before.

Facebook are really benefitting from this as they are advertising their new 'Portal' as a way for people to keep in touch with their family members who they can't see in person. As well as this, more people are buying products from Amazon, meaning that they are making more money from deliveries.

It is also no surprise that our favourite streaming services have jumped on this bandwagon, after all, there could be no better time for them! Disney Plus is promoting a home cinema experience for the viewing of 'Trolls 2' and Netflix is there to remind us all that they have plenty of movies and TV shows on their platform for our viewing pleasure.

So, as we can see, plenty of brands have been jumping on the bandwagon when it comes to the Coronavirus. At some point, we all may find ourselves being influenced by these brands and may even buy some of their products. After all, what else is there to do?



BY SAMANTHA EDWARDS



SPAIN

For me, life after the outbreak changed massively. Simply because I went from being the extrovert to being the introvert, and it feels really strange to staying at home for months now. Considering there is a lively atmosphere in Spain and most of the time it is always sunny, so it feels like we took this lovely weather for granted. Also, because I am stuck in the house, there is this feeling of the lack of freedom because we can't go outside like we used to unless it is an emergency. Similarly to the other countries, the schools in Spain were all closed so I was unable to see any of my friends. Now that the schools are closed, it is so much harder to study because I don't have much motivation to do so and there is not a teacher who could explain topics to me. It is so much harder for people who are taking GCSEs and A levels, so obviously there is a feeling of doubt and uncertainty about our future. So in my school, teachers asked us to scan our exams that we have done and our work throughout the course to send to our teachers who will then mark and give us our final grade. Before the outbreak I used to go to the gym every week, but I am unable to do so right now because the gym has been closed, so instead my family and I go for jogs every day to keep healthy. As well as that, we exercise in the house, but I feel that it is not effective enough because we do not have the necessary equipment.

Majority of my family is currently in Italy but I've lived in Spain for two years now. Initially, the situation in my family was quite good because we accepted the fact that this will go for a long time, however, recently everyone has been getting onto each other's nerves. There have been more arguments about the stupidest and simplest things because it was a long time, in the same place with the same people. However, for my grandparents it has been very different. My grandmother forgets information really easily, so we have to remind her every day that she cannot leave the house because she simply forgets what is going on in the world.

Our government spread the news about putting policemen on the streets to control the "staying

at home policy". In other words, if policemen catch you outside, you must pay 500 euros for breaking this policy. However, ever since that was established, I have not yet seen any policemen, even 10-15 km from my house. So I feel like Spain is all about words and no actions in the way. However, what this did is set a lot of panic in Spain to prevent people from leaving their houses. I think Spain doesn't really care about this situation because the government hasn't done much to help the outbreak, more or less Spain was and still is not ready for this issue of the coronavirus. Honestly, our government has reacted late, and didn't provide the essential equipment until now. So ventilators, protective clothing for doctors, test kits and extra masks were being supplied recently. The government thought that Spain was too far away from the infected countries like Italy, therefore, there was an evident slow response.

Obviously there is a lot of irritation in the country because many people did not take the outbreak seriously because they thought it was just a simple flu that will pass soon and there was a large increase in the cases. However, some people were aware of the situation in Italy so they thought this virus was a serious deal, though that didn't change much because the majority didn't take this seriously. As a precaution, we obviously wear gloves and masks, so do other people in Spain. My dad always puts a plastic bag over my phone when I go out.

Ginevra Di Lucia



BY VLADA MEDVEDEVA

NORWAY

As I live in Norway the social distancing is not that drastic as, in general, Norwegians prefer to have more personal space as it is in their culture. So, shaking hands and giving hugs is not common. I still use the bus to go to work but I pay more attention to hand sanitizer. It is in people's nature to need some time to absorb information. I think people didn't take it seriously at the beginning, but now everybody is more aware and trying to respect the rules.

I think governments all around the world reacted late to the pandemic. In Norway we've handled this quite well, after the first patient, but not so many measures were taken before then. Now, the government is recommending that people download an app to track if people are near someone that has tested positive. There are a lot of problems with it due to personal data issues. They want to start introducing the lockdown although Norway has never taken extreme lockdown measures before.

The Coronavirus has changed my daily routine at work, as I must change offices every other week, and the meetings are done online. Some of my projects at work have been stopped. Being out of work I have started going to gym. The pandemic has limited my ability to see my family and partner, also to be a part of conferences outside of Norway. My family is in total lockdown.

I hope this will finish soon, my first concern is the health of my parents and grandmother. Together, with this concern, comes the thought of not being able to be there if something were to happen.

I hope that everybody stays safe and that this will finish soon.

Luli Xholi

ALBANIA

Coronavirus has changed totally our life in every possible way. In terms of health it hasn't affect any of my family but if we speak in general, everything has stopped.

I totally agree with how the government has dealt with the outbreak. They acted very fast and dealt with it in a very professional way. In general, they haven't done anything wrong, but they need to give more financial support to businesses to pass this situation and save thousands of jobs. It's better act now if we want to skip the aftermath of this pandemic.

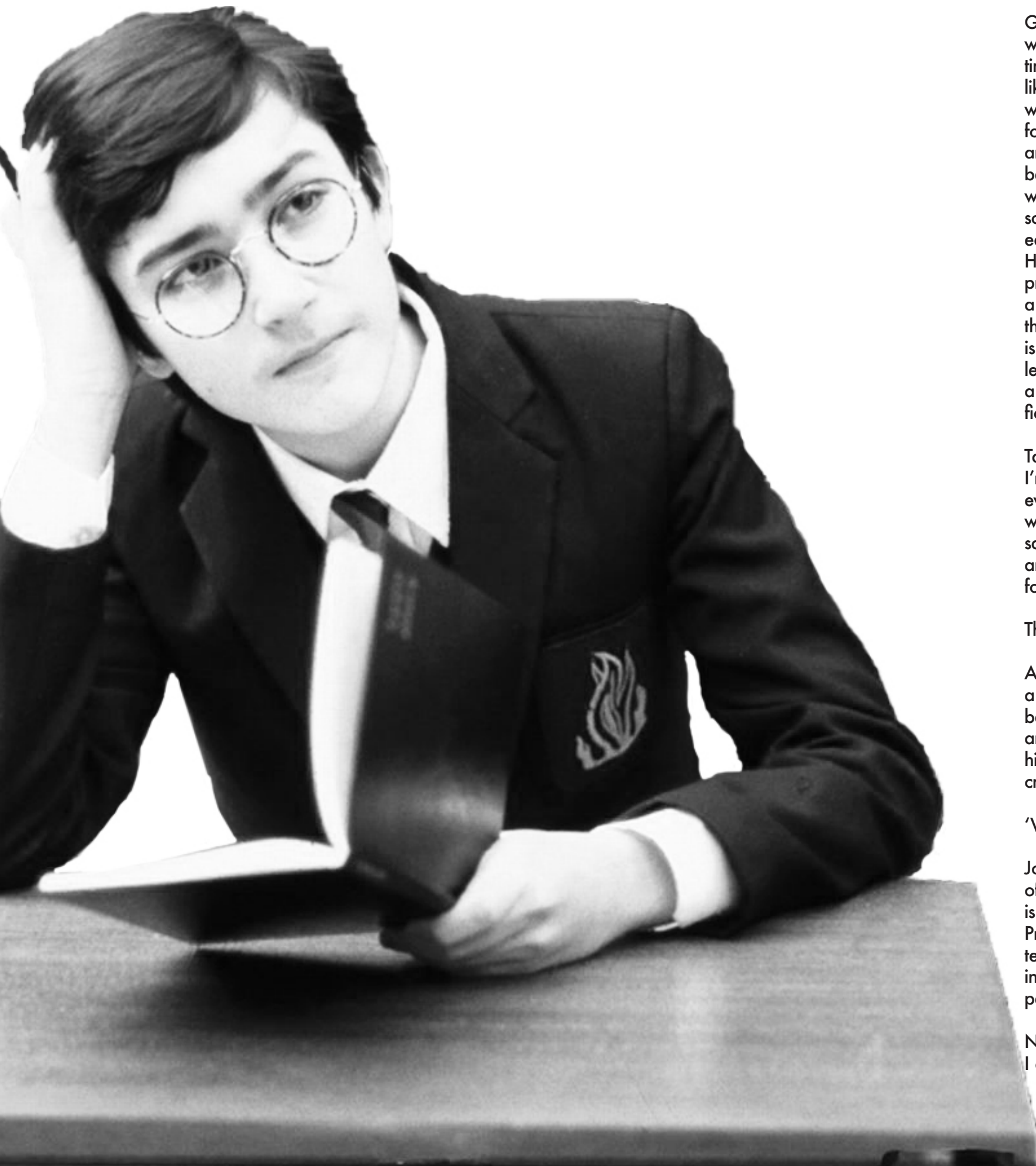
We have been staying home since 10th of March and doing everything according to expert advice. We have stopped any physical contact with other people and just one of us is going out shopping. Citizens have collaborated with all government institutions. That's why we have low numbers of people infected and deaths.

This situation will pass and soon everything will almost be back to normality...almost because, for sure, what we've been through will affect and change the behaviours of all of us, everywhere. Despite all the bad things happening to people, Earth and nature has won. Let's remember all the people that have passed away as heroes who gave their lives for the rest of the world to continue living in a better place.

Andi Nuredini

BY IRIS NUREDINI

THE CONSOLATIONS OF LITERATURE



Got a problem? It would be a lucky person indeed who didn't have a problem of some sort at some time in their life. Some problems can be small, like the problem of what to choose for breakfast, whilst others can seem insurmountable. One thing for certain about almost all problems is that they aren't unique. Someone, somewhere will have been through what you are going through, and will have come out the other side. Someone, somewhere would be able to offer an empathetic ear or words of consolation or encouragement. However, at times it can be difficult to share your problems. What if the someone somewhere isn't a sympathetic soul? What if they laugh? What if they reveal your sufferings to others for fun? This is where a good book can be a lifesaver or at least a problem mitigator, as you can relate to a character who has shared your woes, and a fictional character will keep your secrets safe.

Take for example a lovesick, hopeless teenager. I'm sure we all know one or have known one or even been one at some point in our lives. They will wallow and pine, and perhaps even compose sad poems for the object of their affections. They are certainly not unique in this and reading the following book might help them in their sorrows.

The Secret Diary of Adrian Mole, Aged 13 $\frac{3}{4}$

Adrian Mole is a fairly typical teenage boy. He has a whole host of problems – arguing parents, his belief that he is an undiscovered genius, his acne, and the events taking place in the world around him. But the most pressing problem for him is his crush on the new girl in his class, Pandora.

'Wednesday January 14th

Joined the library. Got Care of the Skin, Origin of Species, and a book by a woman my mother is always going on about. It is called Pride and Prejudice, by a woman called Jane Austen. I could tell the librarian was impressed. Perhaps she is an intellectual like me. She didn't look at my spot, so perhaps it is getting smaller. About time!

None of the teachers at school have noticed that I am an intellectual. They will be sorry when I am

famous. There is a new girl in our class. She sits next to me in Geography. She is all right. Her name is Pandora, but she likes being called 'Box'. Don't ask me why. I might fall in love with her. It's time I fell in love, after all I am 13 $\frac{3}{4}$ years old.'

The diary goes on to relate his ever-growing love for her, which goes about as well as you might imagine, along with his thoughts on various other matters.

If you have ever felt alone at school, or in love with the most popular girl or boy from afar or felt as though no one understands you and that you'll never quite fit in, this is the book for you. No subject is too mundane for Adrian Mole, and you will read his thoughts on his dog, his acne, the school system, his parents, bicycles and even wallpaper. Well worth a read!

BY MS PRINGLE

QUARANTINE READS

During this difficult and strange period many are seeking escapism from the situation surrounding us and one of the best ways to do that is by reading. There are millions of books and authors writing in different genres for all ages to grip readers and take our minds away from the global pandemic. Here is a few suggestions of series, authors and singular books for you to read:

Harry Potter series by JK Rowling

This world-renowned book series is a global success with millions of fans worldwide. Many of you have probably heard of the movie franchise starring Emma Watson, Daniel Radcliffe and Rupert Grint but you may not know that there are also 7 books that some may hold a better, more exciting, experience. The books hold different perspectives and scenes that aren't in the movies and adds to the excitements of the Harry Potter world.

One of Us Is Lying series by Karen M McManus

This modern young adult murder mystery trilogy is a gripping read and gives a sense of mystery but also what life is like as a teen. The three books, 'One of Us Is Lying,' 'Two Can Keep a Secret' and 'One of Us Is Next' centre around teens trying to investigate a string of murders in their towns and also navigates the consequences of their actions. They are a great quarantine read for thriller and mystery lovers.

The Perks of Being a Wallflower by Stephan Chbosky

This fun and emotional coming of age book follows the life of Charlie Kelmeckis a teen battling with mental health issues who becomes friends with some seniors at his new school. It follows his friendships, having to leave people behind, first teen experiences and the struggles with his mental health and is a great easy read written in diary form so

it is more personal and a different kind of read to a typical novel.

Love and Gelato by Jenna Evans Welch

'Love and Gelato' is a romantic comedy book about a young girl moving to Italy after her mother's death to discover who her real dad is. It is a beautifully written book that will make you laugh and cry and is a great read especially during the summer. It goes back in time using diary entries from her mother's past which again makes it easier to follow and more exciting.

Stephen King

Stephen King is an American author of horror, supernatural fiction, suspense, and fantasy novels. Many of his works have become major motion picture movies such as 'The Shining' and 'It.' He has published 61 novels starting with short stories then 'Carrie' which was King's first published novel in 1967. Since then King has written many stories around the theme of being an outsider and having to live through difficult and dangerous times, such as the one we are currently living through. 'Carrie' is one of his books that I strongly recommend, even though it's long it is defiantly worth it.

BY CHLOE SHIELDS

