

ISSUE #5

LEMANADE

MAGAZINE

COOKING

DELICIOUS CHOCOLATE
RECIPES

STORY

NEW AND UNUSUAL
STORY

FUN

MATH PUZZLES
VIDEO GAME REVIEW
TV SHOW REVIEW

NEW!

ACTIVITIES SECTION

HEALTH

INCREDIBLE SCIENTIFIC
BREAKTHROUGHS

- June 2020 -

COOKING WITH JASMINE



BROWNIES



BROWNIES:

MAKES 16

INGREDIENTS:

½ CUP BUTTER

1 CUP WHITE SUGAR

2 EGGS

1 TEASPOON VANILLA EXTRACT

1/3 CUP COCOA POWDER

½ CUP PLAIN (ALL-PURPOSE) FLOUR

¼ TEASPOON SALT

¼ TEASPOON BAKING POWDER

FROSTING (OPTIONAL):

3 TABLESPOONS SOFTENED BUTTER

3 TABLESPOONS COCOA POWDER

1 TABLESPOON HONEY

1 TEASPOON VANILLA EXTRACT

1 CUP CONFECTIONER'S (ICING) SUGAR

METHOD:

1. PREHEAT THE OVEN TO 175° CELSIUS. GREASE AN 8-INCH SQUARE PAN.
2. IN A LARGE SAUCEPAN, MELT THE BUTTER.
3. REMOVE FROM THE HEAT AND STIR IN THE SUGAR, EGGS AND VANILLA.
4. BEAT IN THE COCOA, FLOUR, SALT AND BAKING POWDER.
5. POUR BATTER INTO THE PREPARED PAN.
6. BAKE IN OVEN FOR 25-30 MINUTES, THEY SHOULD BE SLIGHTLY GOOEY IN THE CENTRE.

FOR THE FROSTING:

1. COMBINE THE BUTTER, COCOA, HONEY VANILLA EXTRACT AND ICING SUGAR.
2. STIR THOROUGHLY UNTIL SMOOTH
3. FROST THE BROWNIES WHILE THEY ARE STILL WARM.

Makes 16



CHOCOLATE CUPCAKES



INGREDIENTS:

- 1 1/3 CUPS PLAIN (ALL-PURPOSE) FLOUR
- 1/4 TEASPOON BAKING POWDER
- 2 TEASPOONS BAKING POWDER
- 3/4 CUP COCOA POWDER
- 1/8 TEASPOON SALT
- 3 TABLESPOONS BUTTER
- 1 1/2 CUPS WHITE SUGAR
- 2 EGGS
- 3/4 TEASPOON VANILLA EXTRACT
- 1 CUP MILK



METHOD:

1. PREHEAT THE OVEN TO 175° CELSIUS. LINE A MUFFIN PAN WITH LINERS
2. SIFT TOGETHER THE FLOUR, BAKING POWDER, BAKING SODA, COCOA AND SALT.
3. IN A DIFFERENT LARGE BOWL, CREAM TOGETHER THE BUTTER AND SUGAR UNTIL LIGHT, FLUFFY AND SMOOTH.
4. ADD THE EGGS ONE AT A TIME, BEATING THOROUGHLY AFTER EACH ONE. THEN STIR IN THE VANILLA EXTRACT.
5. ADD THE FLOUR ALTERNATELY WITH THE MILK AND BEAT WELL.
6. FILL THE MUFFIN CUPS ABOUT 3/4 FULL.
7. BAKE FOR 15 TO 17 MINUTES OR UNTIL A TOOTHPICK INSERTED IN THE CENTRE COMES OUT CLEAN.

Makes 16





BUTTERCREAM ICING

(to go on any cupcake)



INGREDIENTS:

½ CUP BUTTER (ROOM TEMPERATURE)
1 ½ TEASPOONS VANILLA EXTRACT
2 CUPS CONFECTIONER'S (ICING)
SUGAR
2 TABLESPOONS MILK



METHOD:

1. CREAM THE BUTTER WITH A HAND MIXER OR WOODEN SPOON UNTIL SMOOTH AND FLUFFY.
 2. GRADUALLY BEAT IN THE SUGAR UNTIL FLUFFY AND INCORPORATED FULLY.
 3. BEAT IN THE VANILLA EXTRACT.
 4. POUR IN THE MILK AND BEAT FOR ANOTHER 3-4 MINUTES.
 5. PUT ON THE CUPCAKES WITH A SPOON OR A PIPING BAG.
- *TO MAKE A PIPING BAG, CUT A PIECE OF GREASE PROOF PAPER AND CURL IT INTO A CONE.
- *SPOON THE ICING INTO THE CONE AND FILL IT ABOUT HALF WAY.
- *TWIST THE OPEN PART OF THE CONE TIGHTLY CLOSE.
- *CUT THE TIP OF THE CONE OFF IN THE SIZE YOU WANT THE ICING SWIRL TO BE.
- *WHEN ICING SQUEEZE FROM THE TOP OF THE ICING BAG, FROM THE TWISTED TOP.



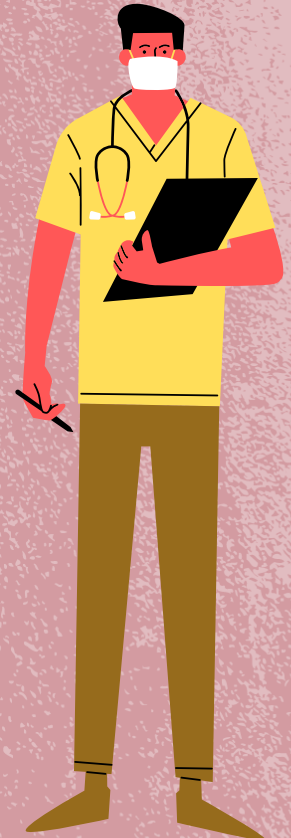
MEDICAL BREAKTHROUGH



Since the outbreak of COVID-19 earlier this year, we have become all too aware of the chaos it created, and we have all been involved in the turmoil that ensued. It's very easy through all of this to get lost in the disarray, panic and general negativity surrounding the virus outbreak, but while the world seems to have been falling apart, some incredible scientific breakthroughs have been made elsewhere in the medical industry, namely, a ground breaking discovery in the cure for cancer.

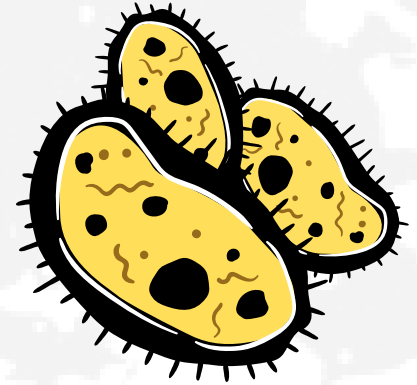
Treatments exist for almost everything, cancer included, helping to slow its spread and mitigate its effect on your body, but cures are a whole different story, and when it comes to cancer, it's even further complicated. The main difficulty with finding a cure is that cancer isn't a singular thing, in fact, cancer is an umbrella term that encompasses the uncontrollable growth of any mutated cells, that destroy body tissue. However, despite the massive range of different cancers, researchers at Cardiff university have found a possible way to not just treat, but cure, all cancers.

The researchers were actually searching for ways to fight bacteria with T-cells – a type of white blood cell – when they quite accidentally, stumbled across this major breakthrough for a cancer cure. T-cells, unlike other immune cells, probe your body's own cells, checking for pathogens and abnormalities, killing all of which it finds to be pathogen holding or mutated. Different T-cells have different receptors, each specific to the pathogen being hunted, making them extremely specialised.



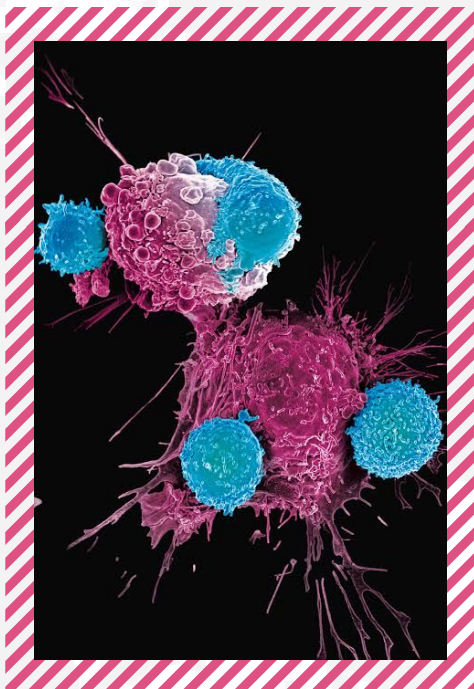


In an attempt to find a kind of t-cell that could detect more than a single pathogen, the team of researchers extracted t-cells via blood samples and tested them on cancer cells that are easy to infect with bacteria. All T-cells proved effective with regards to fighting bacteria, but one in particular stood out - it didn't only kill the bacteria ridden cancer cells, but rather, killed every single cancerous cell. Naturally, this peaked the researcher's interest.



You see, while T-cells are already used in Car-T immunotherapy to treat cancer, this treatment requires the genetic programming of receptors into the T-cells so that they can detect cancers and thus this cannot be done for most cancer patients since we don't have receptor targets for every type of cancer.

Essentially, though T-cells were definitely known, the T-cells eliminating all cancer cells without any genetic alterations, was a significant discovery. The researchers decided to test these T-cells on other types of cancer (including lung, bone, colon, breast, blood and skin cancer) and the T-cells not only killed every type of cancer the researchers tried but left all the healthy, cancer free cells untouched.



To investigate how the T-cells were doing this, researchers deleted proteins from the cancer's cells one by one, using CRISPR-Cas 9 gene editing, to find out if a specific protein was needed to enable the T-cells to identify the cancer cells. This led them to a protein called MR1, which is a protein present in all your cells. MR1 is an informant if you will, it samples molecules inside the cell, presenting them on the outside, in this case, to the T-cell, allowing it to read this information.





These T-cells aren't the only ones that can interact with MR1, but they are the only ones found to be able to identify and kill all cancer types by doing so. The researchers were able to isolate the MR1 protein receptors and engineer them into T-cells from actual cancer patients, and the results were beyond encouraging... these T-cells, bound with the MR1 receptors, completely eliminated all the samples of numerous patients' cancerous tumours!



Of course, there are still unknowns, in the research paper itself the scientists stated that "T-cells and MR1 interact through unknown mechanisms". Furthermore, in-body human tests are yet to be conducted. However, there is still much promise to this potential cure. The receptors engineered into the T-cells can recognise all MR1 since they barely differ from human to human - giving the strong possibility of universal treatment.

Additionally, rats with human cancers were entirely cured after being injected with these T-cells engineered with MR1 protein receptors. The scientists plan to continue research and further testing "cautiously" but are "hopeful that human trials will commence within the next few years".



HORROR CORNER

THE IB INSPECTOR

Congratulations, Léman, on becoming IB accredited! Here's a story about how, in a different and more, let's say, unusual Léman, things could have gone a bit differently...

She shuffled the piece of paper out of her bag, scanning over the page before folding it up carefully and putting it into her blazer pocket. Clicking the "silent" button and sliding her phone into her bag, she thanked the driver and got out of the car just outside the school gates. Just to be sure, she read the sign. Yes, Léman International School, just as she'd been told in an email earlier this week.

The IB inspector greeted the teacher waiting at the gates for her. After quickly going over the accreditation process, the teacher led her to an office to sign some paperwork. "Yes, every programme, IB, MYP, and PYP, please, if you could check them over. And I would also like to have a tour of the school, if you are not busy." She requested.

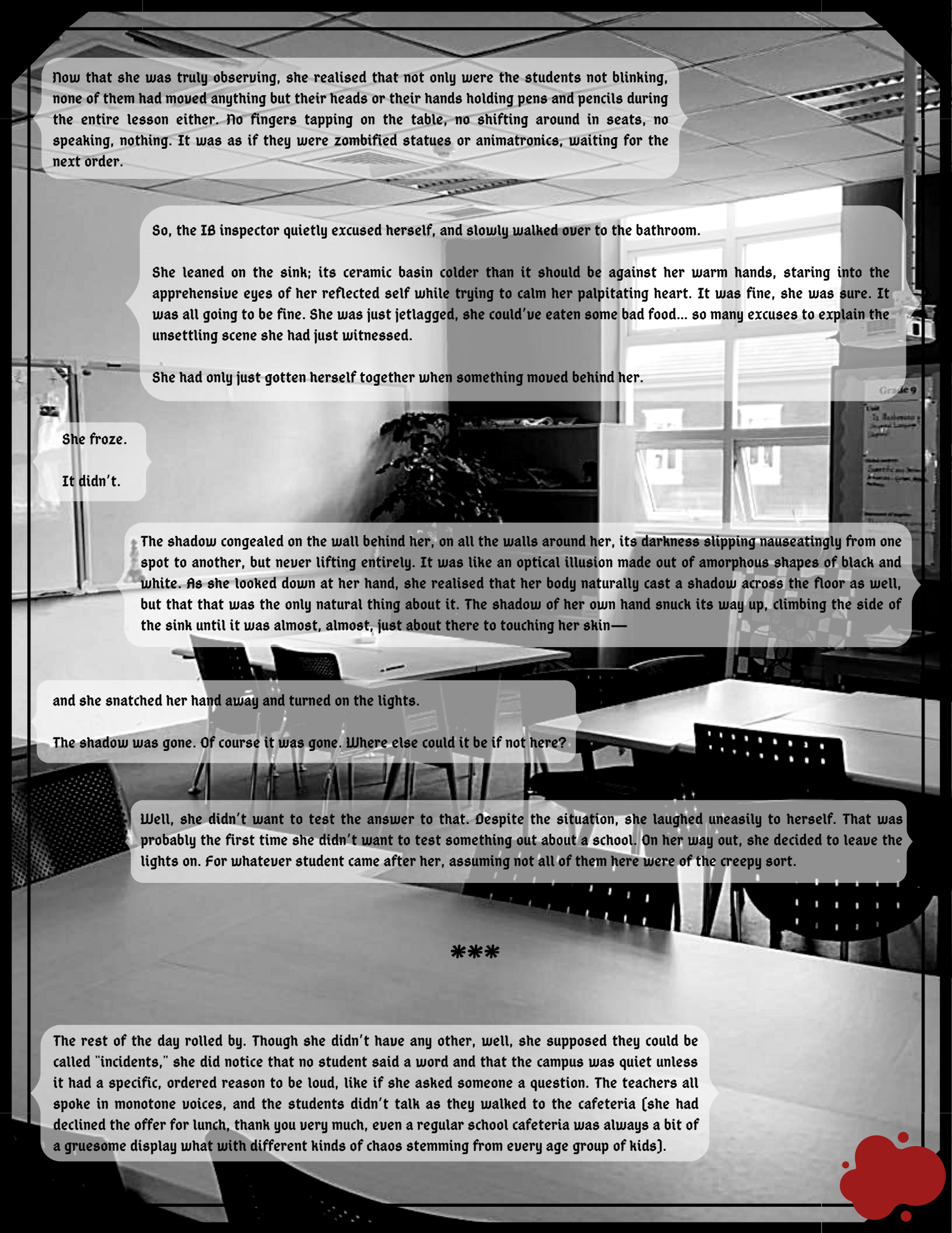
And so they set out on a journey that the IB inspector did not yet know would differ considerably from the rest.

The first classroom wasn't that unusual. Students sat there, bored and disinterested as always, while the teacher did his best to engage them with his monotone voice and bland jokes. However, it was as the clock reached the thirteenth minute, that the IB inspector... well, inspected, and she began to notice something quite disturbing. Something that was not quite right about this class. She was stood at the back, without a direct line of sight into any of the students' faces, but if they turned their heads slightly, sometimes she would see a part of their face. And they weren't... well they didn't seem to be... that is, they didn't appear to...

CHENGDU
乐盟国际学校 (成都)

Well, it didn't look like they were blinking.

And that was what snapped the IB inspector back to attention.



Now that she was truly observing, she realised that not only were the students not blinking, none of them had moved anything but their heads or their hands holding pens and pencils during the entire lesson either. No fingers tapping on the table, no shifting around in seats, no speaking, nothing. It was as if they were zombified statues or animatronics, waiting for the next order.

So, the IB inspector quietly excused herself, and slowly walked over to the bathroom.

She leaned on the sink; its ceramic basin colder than it should be against her warm hands, staring into the apprehensive eyes of her reflected self while trying to calm her palpitating heart. It was fine, she was sure. It was all going to be fine. She was just jetlagged, she could've eaten some bad food... so many excuses to explain the unsettling scene she had just witnessed.

She had only just gotten herself together when something moved behind her.

She froze.

It didn't.


The shadow congealed on the wall behind her, on all the walls around her, its darkness slipping nauseatingly from one spot to another, but never lifting entirely. It was like an optical illusion made out of amorphous shapes of black and white. As she looked down at her hand, she realised that her body naturally cast a shadow across the floor as well, but that that was the only natural thing about it. The shadow of her own hand snuck its way up, climbing the side of the sink until it was almost, almost, just about there to touching her skin—

and she snatched her hand away and turned on the lights.

The shadow was gone. Of course it was gone. Where else could it be if not here?

Well, she didn't want to test the answer to that. Despite the situation, she laughed uneasily to herself. That was probably the first time she didn't want to test something out about a school. On her way out, she decided to leave the lights on. For whatever student came after her, assuming not all of them here were of the creepy sort.

The rest of the day rolled by. Though she didn't have any other, well, she supposed they could be called "incidents," she did notice that no student said a word and that the campus was quiet unless it had a specific, ordered reason to be loud, like if she asked someone a question. The teachers all spoke in monotone voices, and the students didn't talk as they walked to the cafeteria (she had declined the offer for lunch, thank you very much, even a regular school cafeteria was always a bit of a gruesome display what with different kinds of chaos stemming from every age group of kids).



That was not to say the place did not continue to unsettle her. When she stood in the corner of a room, the walls whispered to her of a forest where students went to train. For what? "Cross country," said the teacher accompanying her, whom she did not speak a word to about this, or at least she thought so. Had she spoken out loud? What else could they be training for in a forest?

She saw the buildings at the outskirts of the school, the way the wall paint peeled off in strips to reveal a dark and distinctively rotten colour beneath. The place looked abandoned, completely devoid of life, which only served to unnerve her further. The teacher explained to her that the school had originally set out to be a boarding school, and the buildings were intended to be student dormitories, though it's hard to say what boards there now. The teacher laughed, and so did the IB inspector, awkwardly. She avoided thinking of the place even when her mind drifted off during some presentation in the meeting room later on.

Slowly, though, the day drew itself to a close. She had checked in on every lesson, talked to each teacher, attended all of the meetings. Average grades were high, they had logical lesson plans, teachers were listened to vigilantly. The school seemed to be in perfect functioning order.

And yet. And yet.

School was nearly over when the teacher she'd been accompanied by the whole day walked her to her DiDi. That rise of energy that usually came when students were preparing to get on the bus and put away their school supplies was not there, but something was palpable. As she walked down the steps next to the fountain, she turned and looked behind her, through a window that the teacher explained to be that of the Biology classroom. A student looked at her through the window, and another joined. Soon, they had each moved aside enough to allow for the whole class to see. Slowly, one raised a bloodied hand holding a scalpel. Clamping her hand down on her mouth and fighting back a wave of revulsion, the IB inspector turned around as the teacher said something about cow heart dissections. Tentatively, she turned back around, wanting to see if they had at least started with cleaning up.

Instead of students, what she saw was an empty classroom through a window. A window that now had a bloody handprint on it, with a smiley face on its right and a cartoon heart to its left.

"See? They like you!" the teacher said. Well, the IB inspector thought, it was true that the school was perfectly orderly, the bathrooms were clean if not haunted, and in a way, the students had been... almost sweet.

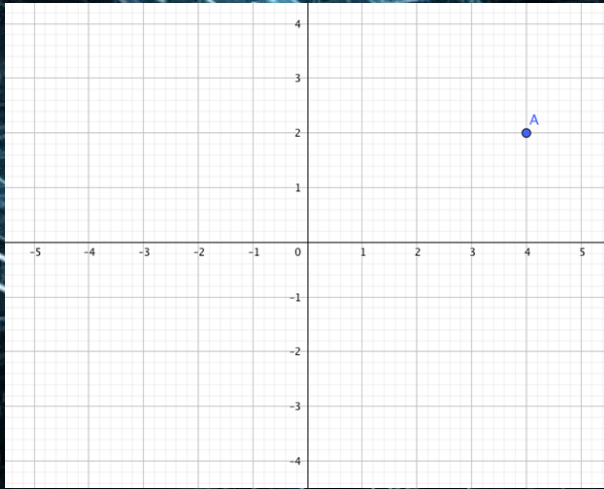
But that blood on the window was a giant violation of health and safety codes.

The IB inspector smiled and looked upwards into the afternoon sun. She supposed she was going to have to give this particular school's case further consideration.

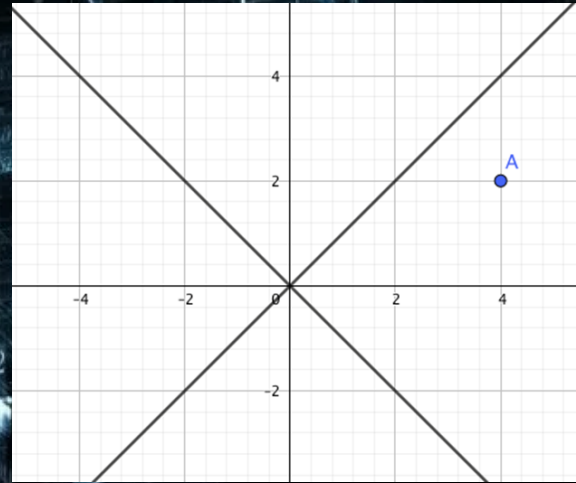
THE END

BY KLARA M. & EILEEN Z.

FUN MATH PUZZELS

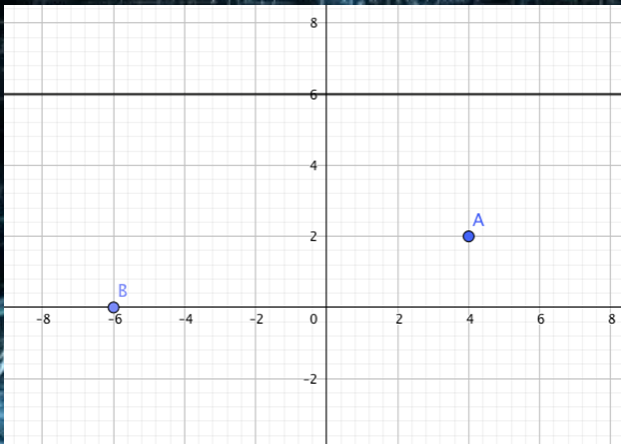


1) What is the coordinate of the reflection of A [4, 2] about the x-axis? What about y-axis?

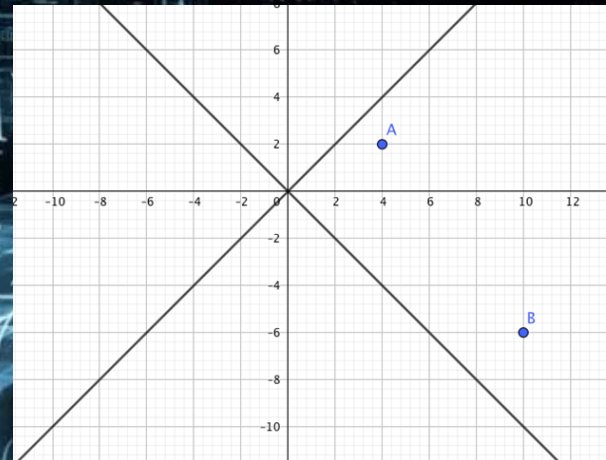


2) What is the coordinate of the reflection of A about the two lines? [$y = x$ and $y = -x$].

3) What is the coordinate of A reflected about the x-axis then the y-axis? What is the coordinate of A reflected about the first line then the second line?



4) If point P is on line shown [$y = 6$] and has an x coordinate m. What is the value of m such that the line segments AP and BP have the smallest sum?



5) If points P and Q are on the lines $y = x$ and $y = -x$ [the two lines shown] respectively, what are the coordinates of P and Q minimizing the sum of the length of the segments AP, PQ, QB?

王者荣耀 King Glory game review !



COMPARISON WITH LOL

KING GLORY IS CURRENTLY ONE OF THE MOST PLAYED GAMES IN CHINA. IT HAS OVER 1 BILLION USERS FROM ONLY THE CHINESE SERVER WHICH MEANS THERE ARE LOTS MORE GLOBALLY. THE GAME WAS ALSO NAMED THE MOST CREATIVE GAME OF CHINA IN 2019 BY WINNING THE "LONGXI CREATIVE REWARD OF 2019" AND IT HAS ALSO WON THE "GLOBAL MUSIC AWARDS GAME MUSIC COMPOSER REWARD" WITH ITS GAME BACKGROUND MUSIC 《出征》.

TO GIVE A BRIEF IMAGE OF WHAT THE GAME IS LIKE WE COULD COMPARE IT TO THE GAME LEAGUE OF LEGEND. THE TWO GAMES SHARE SIMILARITIES BUT DIFFERENT IN SOME WAYS. FIRST OF ALL, LEAGUE OF LEGEND, OR LOL, IS A PC GAME THAT IS PLAYED ON A COMPUTER. DIFFERENT FROM LOL, KING GLORY IS PLAYED ON MOBILES. LIKE LOL, KING GLORY IS A THIRD CHARACTER GAME THAT INCORPORATES DIFFERENT CHARACTERS, AND PLAYERS CAN CONTROL THEM TO BATTLES.



MAPS

KING GLORY HAS A FEW MAPS DEPENDING ON WHICH MODE OF GAME THE PLAYER CHOOSES, WITH DIFFERENT AMOUNT OF PEOPLE PLAYING PLAYERS GET DIFFERENT MAPS. FOR EXAMPLE, A NORMAL GAME WOULD BE 5 V 5 WHICH MEANS 5 PLAYERS AGAINST THE OTHER 5 PLAYERS, IN THIS CIRCUMSTANCE,

PLAYERS GET THE BIGGEST MAP. HOWEVER, IF PLAYERS CHOSE TO PLAY 3V3 OR 1V1M THEN THE MAP WOULD BE SMALLER FOR THE GAMES TO FINISH QUICKER. GENERALLY SPEAKING, THE MAPS ARE VERY WELL DESIGNED, WITH CLEAR ROADS, TURRETS, GRASS, AND ROCKS SHAPING THE FORM OF A SQUARE ALLOWING THE PLAYERS TO 'SHOW OFF'. THE SYSTEM WOULD ADD UPON THE MAPS FEATURES OF CORRESPONDING DATES, FOR EXAMPLE, IF IT IS CHINESE NEW YEAR, THE MAP WOULD BE DECORATED WITH LANTERNS AND CHINESE CALLIGRAPHY.





RULES

THE RULES OF THE GAME ARE ALSO VERY SIMILAR TO THE ONES OF LOL, THE TERRAIN IS SEPARATED INTO FOUR REGIONS FOR EACH SIDE: TOP, MID, BOT, AND JUNGLE. DIFFERENT ROUTES ARE DESIGNED FOR DIFFERENT TYPES OF CHARACTERS. THE ROUTES ARE THERE FOR A REASON SINCE AT THE BEGINNING OF THE GAME, ALL CHARACTERS ARE WEAK AND TIME IS REQUIRED FOR GROWTH, SO ON DIFFERENT ROUTS, THERE ARE THINGS MORE SUITABLE FOR DIFFERENT CHARACTERS TO HUNT TO GET EXPERIENCES TO UPGRADE AND MONEY TO BUY PIECES OF EQUIPMENT.

CHARACTERS

IN THE GAME KING GLORY, CHARACTERS ARE SEPARATED INTO FIVE TYPES: WARRIOR, ADC(SHOOTERS), APC(MAGICIANS), JUNGLE(HUNTERS OF THE BEAST), AND SUPPORT. WARRIORS AND APCS ARE USUALLY VERY STRONG AT THE START OF THE GAME SO THEY OFTEN GO ALONE. JUNGLE WOULD KILL BEASTS TO GAIN MONEY AND EXPERIENCE SO AS ITS NAME, JUNGLE GOES TO JUNGLE. AND LASTLY, ADC AND SUPPORT, GENERALLY SPEAKING, ADC WOULD HAVE A REALLY WEAK START SO IN THIS CASE, THE SUPPORT IS DESIGNED TO PROTECT THE ADC AT THE BEGINNING FOR IT TO NOT BE KILLED.

THE CHARACTERS VARY, SOME FROM CHINESE HISTORY, AND OTHERS ARE FROM THE WESTERN WORLD. FOR EXAMPLE, WE COULD GET CHARACTERS NAMED LIU BEI, ZHANGFEI, GUANYU, AND ZHAOYUN WHO ARE FROM THE SERIES OF BOOKS CALLED THE ROMANCE OF THREE KINGDOMS AND WE COULD ALSO FIND GAME CHARACTERS FROM CHINESE FANTASIES AND MYTHS, SUCH AS THE MONKEY KING AND MONK PIG. CONTRASTING TO THEM, WE COULD ALSO FIND ATHENA, AI SHIRANUI, AND GENGHIS KHAN WHO ARE NOT CHARACTERS FROM CHINA, BUT OTHER COUNTRIES AND OTHER MYTHS.



REVIEW OF THE GAME

"I THINK THAT THE GAME HAS REALLY GOOD DESIGN OF CHARACTERS AND ALSO I REALLY ENJOY THE FLUENCY OF THE GAME. WITH ALL GOODS OF THE GAME, IT IS TOO COSTLY TO PLAY IT. THERE ARE THINGS CALLED SKINS WHICH IS BASICALLY CHANGING STYLE OF CLOTHS OF THE CHARACTERS AND SOME OF THEM ARE EXTREMELY PRETTY SO I CAN CONTROL MYSELF TO BUY THEM AND THEIR COSTS ARE REAL MONEY. ALSO, THE GAME IS HAS RANKING AS WELL, WHEN YOU ARE IN LOWER RANKINGS IT IS REALLY HARD TO WIN BECAUSE AS THE OBJECTIVE OF THE GAME IS COOPERATION OF TEAMMATES, BUT PEOPLE AT THAT LEVEL DOES NOT KNOW HOW TO COOPERATE SO IT IS VERY EMBRACING PLAYING".





MY EXPERIENCE WITH WATCHING “THE BIG BANG THEORY”

REVIEW: 8.5/10

AFTER WATCHING JUST A FEW CLIPS OF THE WIDELY FAMOUS LIVE SITCOM ON YOUTUBE, THE BIG BANG THEORY, I BECAME ADDICTED TO IT. ALTHOUGH THE TV SHOW CAME OUT MORE THAN A DECADE AGO, IT REMAINS AS ONE OF THE MOST-WATCHED AND LOVED COMEDY SHOW OUT IN THE ENTERTAINMENT INDUSTRY. NOW, LOOKING BACK, I FULLY REGRETTED MY ACTIONS OF NOT LISTENING TO A FRIEND’S RECOMMENDATION TO WATCH IT EARLIER. FROM THE CHEESY PUNCLINES AND QUIRKY BEHAVIOURS BY THE CHARACTERS TO THE GEEKY STEREOTYPES AND INNUENDOS, IT MAKES ME LAUGH HOW WITTY THE CHARACTERS CAN BE. TO ME, ACROSS ITS 12 YEARS, IT REMAINED A “WELL-OILED MACHINE” CRAFTED TO DELIVER JOKES ABOUT POP CULTURE, RELATIONSHIPS AND OBSESSIVE “GEEKINESS”.

THE STORY TAKES PLACE IN PASADENA, CALIFORNIA AND CENTRALIZES THE ADVENTURES OF TWO BRILLIANT BUT SOCIALLY AWKWARD PHYSICISTS, LEONARD HOFSTADTER AND SHELDON COOPER. THEY ARE COLLEAGUES, BEST FRIENDS, AND ROOMMATES, ALTHOUGH IN ALL CAPACITIES THEIR RELATIONSHIP IS ALWAYS TESTED PRIMARILY BY SHELDON’S REGIMENTED, DEEPLY ECCENTRIC, AND NON-CONVENTIONAL WAYS. IT BRANCHES OUT TO FELLOW ROOMMATES HOWARD WOLOWITZ, ENGINEER AND RAJ KOOTHRAPPALI, ASTROPHYSICIST. COOPER IS AN INCREDIBLY GIFTED THEORETICAL PHYSICIST WHO ALWAYS FINDS HIMSELF IN TROUBLE IN THE REAL WORLD. AT THE BEGINNING OF THE SERIES, HE HOLDS AN INCREDIBLY CONDESCENDING VIEW OF NON-SCIENTISTS AND BELIEVES HIMSELF TO BE SUPERIOR IN TERMS OF HIS INTELLECT. WHILST, ON THE OTHER HAND, HOFSTADTER HAS A MUCH KINDER VIEW OF THE WORLD. THROUGHOUT THE SERIES, THE FOUR OF THEM SPEND THEIR TIME WORKING ON THEIR PROJECTS, PLAYING VIDEO GAMES, WATCHING SCIENCE-FICTION MOVIES, OR READING COMIC BOOKS.

ALTHOUGH THE BIG BANG THEORY HAS GAINED MASSIVE FOLLOWERS, SOME SAY THAT AT TIMES THE STORYLINE MAY BE REPETITIVE AND THE “LAUGH-TRACKS” MAY HAVE BEEN USED TOO MANY TIMES, CAUSING THEIR EXPERIENCE TO FEEL REDUNDANT AND NOT AMUSING ANY LONGER. HOWEVER, AS THEY SAY, “COMEDY IS SUBJECTIVE” AND DIFFERENT PEOPLE LAUGH AT DIFFERENT THINGS, WHICH IS WHY I FIND THIS TV SHOW TO BE HYSTERICAL. AS SOMEBODY WHO HAS STARTED WATCHING THE BIG BANG THEORY EVER SINCE MY HIGH SCHOOL YEARS AND HAVE FINISHED WATCHING THE ENTIRE 12 SEASONS OF THE SHOW, I CAN SAY THE EMOTIONAL CONNECTION BETWEEN THE CHARACTERS OF THE STORY AND MYSELF IS STILL STRONG. EVEN THOUGH I’M NOT AN EXPERT IN SCIENCE, I STILL FIND THE SHOW ABSOLUTELY HILARIOUS AND ENTERTAINING. THE COMEDY WAS WRITTEN VERY WELL AND THE ACTORS WERE CHOSEN SO WELL. THE SUBTLE HUMOUR MIXED WITH THE OBVIOUS JOKES WERE THE REASONS WHY I CONTINUED TO CARRY ON WITH THE SERIES. NEVERTHELESS, IT WAS TRULY FASCINATING TO WITNESS HOW THE CHARACTERS GROW AND BECOME MORE REAL IN THIS “BIG BANG UNIVERSE” AND I HIGHLY RECOMMEND WATCHING THIS SHOW.



ACTIVITIES SECTION

SUDOKU

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

CROSSWORD

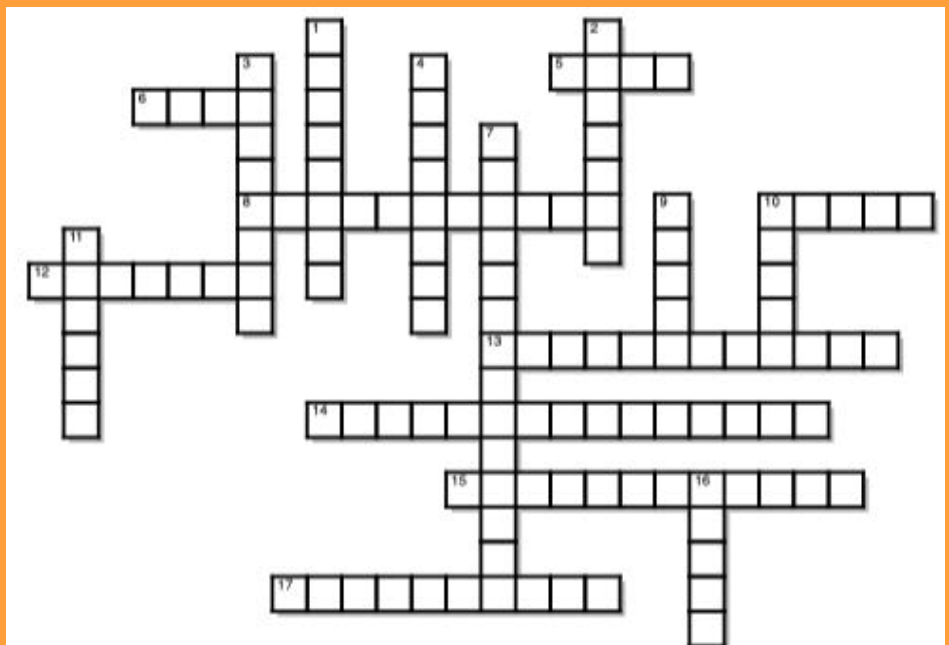
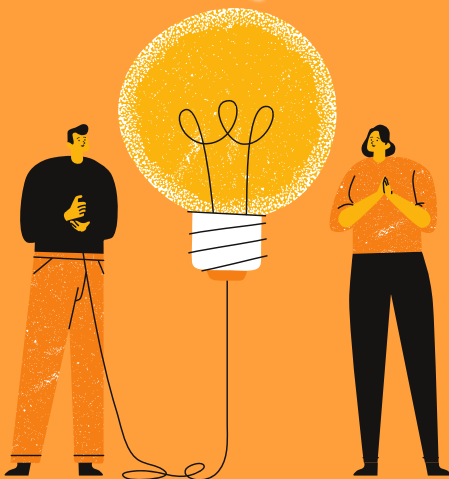
ACROSS

- 5 when Mo Farah broke the 2 hour marathon record he was wearing vaporfly shoes made by this company
- 6 this ride-hailing company has over 5 times as many drivers as uber
- 8 the globe's largest diamond was found in this African country
- 10 the famous European city of love that is home to the most iconic cafes in the world
- 12 this beautifully red & yellow spice is worth more per unit weight than gold
- 13 which actress stars in a special edition Star Wars film and Game of Thrones
- 14 the airline that flies to the most countries in the world
- 15 which famously expressive chef said the quote "it looks like ghandi flip-flop"?
- 17 the name of the first ever Disney princess

DOWN

- 1 which famous South African entrepreneur is CEO of a space exploration and electric car company?
- 2 this country is home to the Banh Mi sandwich and is known to be one of the cheapest countries to travel to in the world
- 3 a sitcom TV show with 639 episodes and 31 seasons
- 4 the most populated city in the americas
- 7 this famous celebrity's childhood nickname was 'Kip'
- 9 this asian country's railway network is long enough to loop around the part twice
- 10 a circular food that is eaten as triangles and served in a square
- 11 this pickled roe from the sturgeon (fish) is considered one of the world great delicacies
- 16 this tech company was the first company to reach \$1 trillion market value

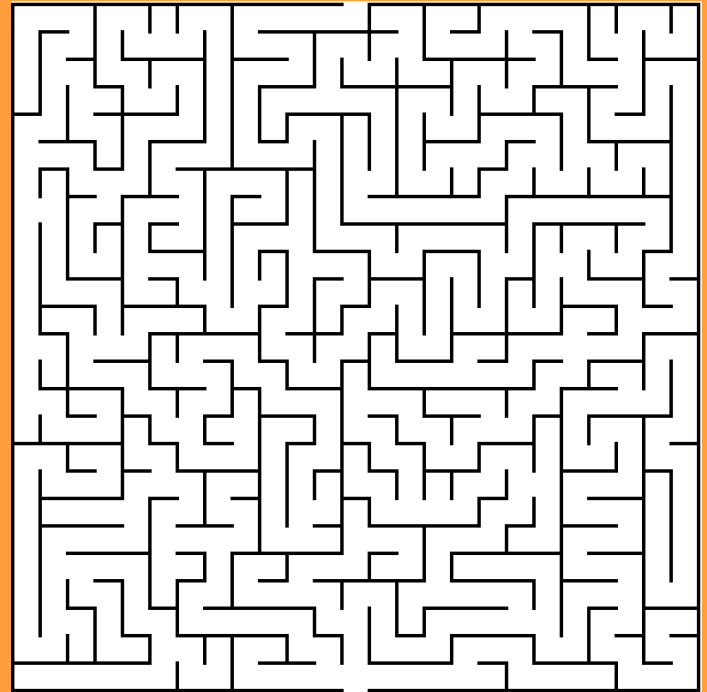
Good Vibes



RIDDLES

- Mr. Blue lives in the Blue house. Mrs. Yellow lives in the Yellow House. Mr. Orange lives in the orange house. Who lives in the White House?
- What answer can you never honestly answer yes to?
- How far can a fox run into the woods?
- What has to be broken before you can use it?
- Where can you find cities, towns, shops, and streets but no people?

MAZE PUZZLE



Start

WORD SEARCH

Made with the help of Discovery Education!
Be aware that the words can also be written diagonally as well as backwards, and that words can share letters. While checking over this word search, we noticed some words that weren't on the list snuck in. Try and find some if you like!

- ATLAS
- BICYCLE
- BREAKFAST
- CANDLE
- CURTAIN
- LIST
- NECKLACE
- OWL
- PAINTING
- PAPER
- WALL
- XYLOPHONE

X	W	Z	K	P	I	K	Q	W	P	N	A	N	A	S
N	Y	J	Z	S	A	H	Y	A	U	I	X	D	M	B
P	V	L	G	L	U	P	I	G	H	A	Y	T	K	W
C	T	H	O	V	U	N	E	G	I	T	L	W	O	G
B	E	R	K	P	T	E	H	R	K	R	F	C	O	W
G	X	I	H	I	H	L	C	E	U	T	X	J	F	
F	D	H	N	F	B	O	H	C	W	C	M	L	E	I
V	W	G	P	K	R	V	N	J	Y	B	C	L	Y	V
J	A	G	J	C	E	N	F	E	G	C	D	L	G	U
Q	L	U	E	C	A	L	K	C	E	N	I	R	N	P
Q	L	I	N	E	K	R	E	H	A	S	Y	B	G	B
Z	X	K	R	E	F	Q	N	C	T	S	D	Q	A	Q
G	C	Q	E	T	A	O	O	N	Q	J	C	N	Y	R
O	F	D	M	D	S	O	V	H	N	O	S	E	F	J
W	M	N	X	A	T	L	A	S	Z	E	P	Q	I	V



- Cover designed by Maximiliano Gonzalez -