

may 2020  
Nº 1

# WE CARE

European Newspaper

*The news  
that matters*

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*Tsolch news*

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## Four mobilities for four countries



Mobility in Rome. (Oct 2019)

# CURRENT NEWS

## **Covid-19 in Italy and Spain**

I'm Ana, from Spain, and I'm going to describe the situation of the quarantine here. In Spain, at first, we just begin to stay at home, the people only could get out to work or buy necessary things, but a few days after that, only supermarket workers, policemen and health personnel could go to work. The students, started getting online meetings. As my friend Rita, I have a familiar working in the hospital, my sister, and she tell us how are the things going, how do they work, ... Because of that, my sister is living in a house which is closer to the hospital. From the point of view of a student, the corona virus has been a very big problem, not just because of the classes, the exams, or all the school projects that we have done, because for some of us, it was going to be our last year in our school and now, because of this, we can't say goodbye to our friends, we can't graduate, we can't just stay in classroom and enjoy the time with our classmates and that's so sad in my opinion.



Ana Alonso & Rita Saponaro

And, of course, the 2o Bach students are in the most difficult position of all the students, they have to do the EVAU and they have to study a lot of things by their own (although the teachers are helping them and all of us), and I think they are making a lot of effort and they deserve to be great. Now, we have more freedom, we can go out at some hours of the day to walk or do exercise if we take the necessary measures. In Spain, each community is waiting to pass to next phase of the lockdown. By the moment only some communities have passed, and others, like us, Málaga or Granada, haven't yet. But there still be rules for each phase, and there's a lot of people who don't comply with that rules, I hope the people are aware that we have to keep fighting the virus, in Spain, in Italy, and in every country affected by the virus.



The conclusion is that we don't have to lose the faith, we have to be hopeful and trust all the scientists, the doctors, nurses, policemen, and every person who is helping right now, even the ones that stay at home like us.

## CURRENT NEWS



Coronavirus is an infectious disease, at the moment there are no vaccines for so many clinical trials in progress evaluating potential treatments.

The correct way to prevent the virus was to stay at home, even though we are already in phase two here in Italy. Things in Spain are more different. Ana and I would like to talk about the different way we experience coronavirus updates and the aspects that most impressed us.

I am Rita and I live and continue to experience this terrible disaster like any Italian, but with a particular fear. My mother is a nurse and, although luckily she has nothing to do with the departments that treat the infected, she always works in a specific environment.

This is very scary, but we have to wait and not be paralyzed by it. Besides, staying at home for months and months is very difficult, now at least we can take a walk and that seems like a great achievement. My greatest hope is to be able to live a beautiful summer after the bad news of not being able to celebrate my 18th birthday. That was surprising. Celebrations of 18 years are now a tradition and, from one moment to the next, knowing that it would not be possible to do so was very sad.

That is why I hope that the Italians will not lose their reason now. We saw a terrible show a few days ago: there was a crowd in the Milan canal area, many without masks and without respecting the rules of social distance and all this in the Italian region with the biggest victims. We must not forget that the virus is around us if the economy must necessarily continue or we are going to starve, we must be diligent!

By **Ana Alonso e Rita Saponaro**

## CURRENT NEWS



### Coronavirus makes Portuguese victim

One man was the first Portuguese to become infected with coronavirus, inside a ship near Japan, in February. Adriano Maranhão was one of the first Portuguese to be infected with coronavirus. Adriano, a plumber, was infected while on a cruise ship, the "Diamond Princess", in Japan. Adriano's medical situation was reported in the media by his wife, Emanuelle.

The couple was in constant contact and Emanuelle worked hard for the government to take steps to resolve her husband's problem. He was isolated for four days on the ship. After a while, Adriano was finally transferred to a hospital in Japan, in the city of Oxazaki, to be treated. While hospitalized, the infection was confirmed. Now that Adriano has recovered, his wife said he will be released from the hospital because his medical tests were negative. Emanuelle expects her husband to return to Portugal in the next few days.

by Mafalda Carapeta

# CURRENT NEWS

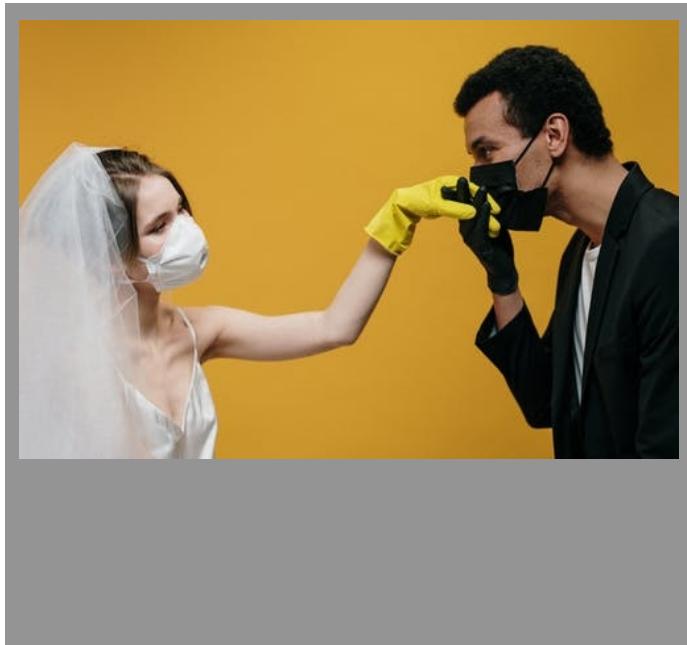
In this article I am going to talk about the corona virus. It is a lung disease. There are approximately 110,000 infections worldwide approximately 3800 deaths, And almost 62,000 recoveries about 81,000 of the infected live in China.

The virus has also been confirmed outside of China. almost 1120 are ill in Germany. In the middle of February, the cases in China rose rapidly within one day, 4823 people became infected in one day. The corona virus first appeared in the Chinese city of Wuhan. It is believed that the virus was first transmitted to humans at a city animal market.

Symptoms of that are cough, shortness of breath, headache and sore throat are associated with a high fever above 38 degrees. But there are also mild symptoms.

However, you can protect yourself by washing your hands often.

**Antonia Domaser** from Germany



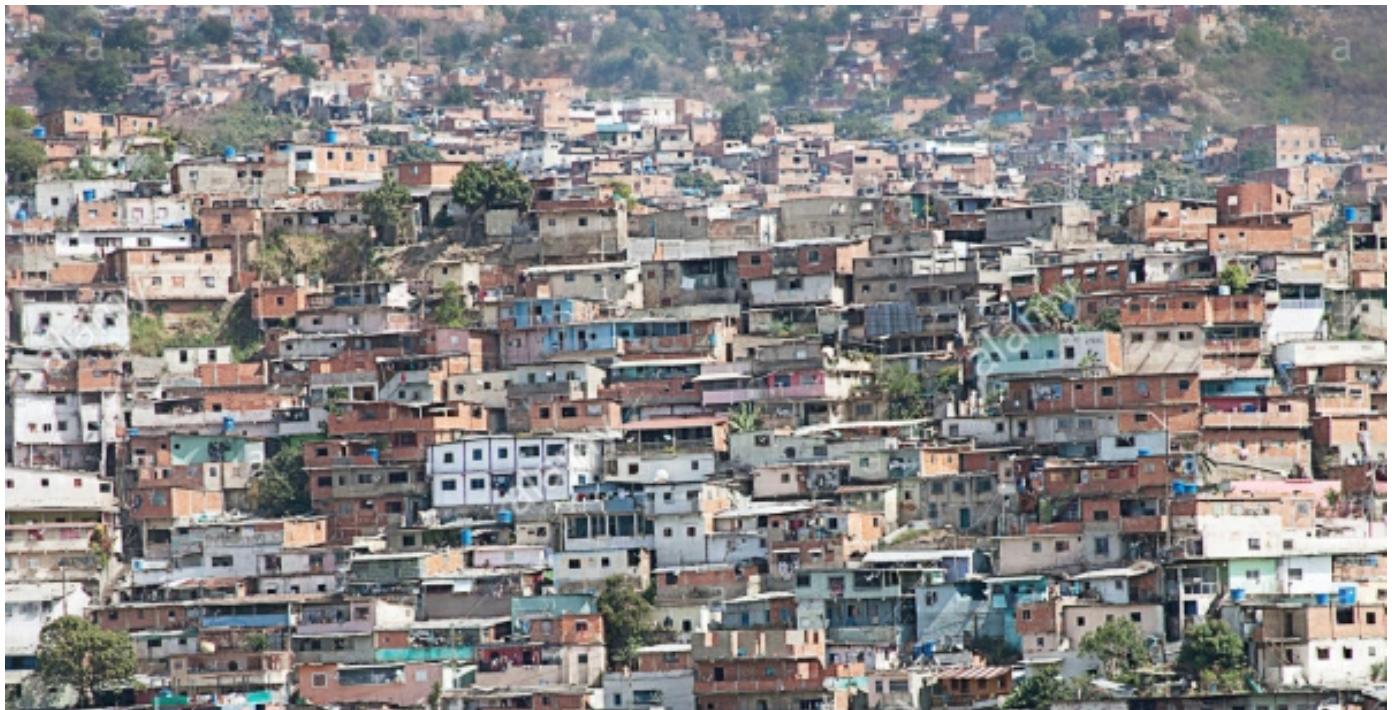
In Germany, especially in our area "North Rhine Westphalia" many people are infected with the "SARS-CoV-2" virus. Today (March 12th 2020), Germany got more than 900 infected people and two deaths. Our national Minister for Health says that 70 percent of German citizens will get infected. The problem in Germany is that we have a lack of disinfectant and mouth protections at hospitals and doctors' surgeries but they are needed to handle sick people.

All in all the "SARS-CoV-2" virus really messes up our lives

Article by **Louis** (Germany)



## CURRENT NEWS



### **Corona Virus affected lives in third world countries -**

In this time of crisis, all of us have been suffering in some way, despite this we are still the lucky ones. In Europe, we have the needed resources to fight against the virus with safety. For example, in Portugal, students get free masks to go to school and in most european countries, citizens could get informed easily by their governments via TVs, cell phones and all other kinds of electronic media.

However, in other countries such as Kenya they don't have as many resources as we do, in many cases they only have money for food and can't buy any medical protection. Also because of the shortage of houses compared to the huge population, it's almost impossible for the people to keep social distancing in their shanty town. For them neither home office nor homeschooling is possible due to the lack of technology.

Even after this whole crisis, recovering would still be a huge problem for third world countries. Since manufacturing is the main industry in many of these countries, the economical crisis in Europe will impact them, once people don't have as much money to buy their products.

In conclusion, the next years will be hard but we all still have to stay strong and not forget that there are other people who will be suffering longer than us, so let's do whatever we can to help each other and not take our privilege for granted.

by **Bianca Gomes, Mia Wang and Lara Jiménez**

## CURRENT NEWS

### School infected by covid-19

In the afternoon of March 2, 2020, the school Calazans Duarte has been infected by coronavirus and it's quarantined since then. The students aren't able to go home.

Mariana Charles, 16, after travelling to Italy, for a vacation, came back with symptoms that characterize covid-19.

She went to the hospital and she got instructions to stay at home, but having an important test of History it didn't stop her from going to school. At 10 a.m, she went to class and, at the same time, her mother, Jennifer, was being left a note by the hospital explaining why her daughter couldn't be at school.

Jennifer didn't know that her daughter was at school, and when she found out by the records of entry, it was too late. The secretary called the police to close the school and the doctors to examine the situation.

The authorities decided that no one could leave the school owing to the exposure to the virus.

The students, that are around 1500, are worried that they may be contaminated, and the police officer Jerry Garcia said that there's nothing to worry about: "The possibility of the students having been infected with the virus is really low but we have to be cautious about it".

The students are sleeping in the classrooms with sleeping bags and the Uber drivers are giving them food and everything they need. The parents of the students' are concerned about their situation and when they will see them again, which is undetermined.

The school is still closed, and the doctors are doing exams to every student in the school.

By Catarina Martins, Carina Brito, Lara Advinha, 10th H



The corona virus

## CURRENT NEWS

### Everything has its pros and cons...

As we all know, last December there was an abnormal outbreak of pneumonia in China's Wuhan province, which would soon be identified as the new Covid-19. Later, after an extensive and fast spread, it was officially declared a world pandemic, the cause of the nightmare the world is living today. But, ironically, this is good news for the environment. The containment measures brought unexpected benefits to the planet, but what exactly were the impacts of the coronavirus on the environment?

For the first time since 2009, oil demand has contracted, as a consequence of the slowdown in consumption, it's estimated that the global emission of greenhouse gases may be reduced by around 7% this year, based on statistics released by the Carbon Brief. In fact, industrial and aviation emissions levels are plummeting. On one hand, global air traffic accounts for 2.6% of global CO<sub>2</sub> production, and this seems to be a small number, but, for example, an Airbus 380 aircraft has a maximum capacity of 323,546 liters of fuel, the equivalent to what 3,500 automobiles would use, it should also be noted that airlines such as Lufthansa canceled 23,000 flights by the end of April because of the pandemic. On the other hand, the world economy has also suffered the consequences and it all starts with the great powers, the first victim, China, the biggest industrial producer, who is also responsible by being the biggest greenhouse gases producer, has reduced 25% of its carbon dioxide emissions, which is equivalent to a 6% reduction, compared to 2019 levels. In other words, China has reduced 150 tons of CO<sub>2</sub>, which is equivalent to what New York City emits each year.



***Before-and-after The Grand  
Cannal, Venice, Italy.***



**By Sofia Pglielli**

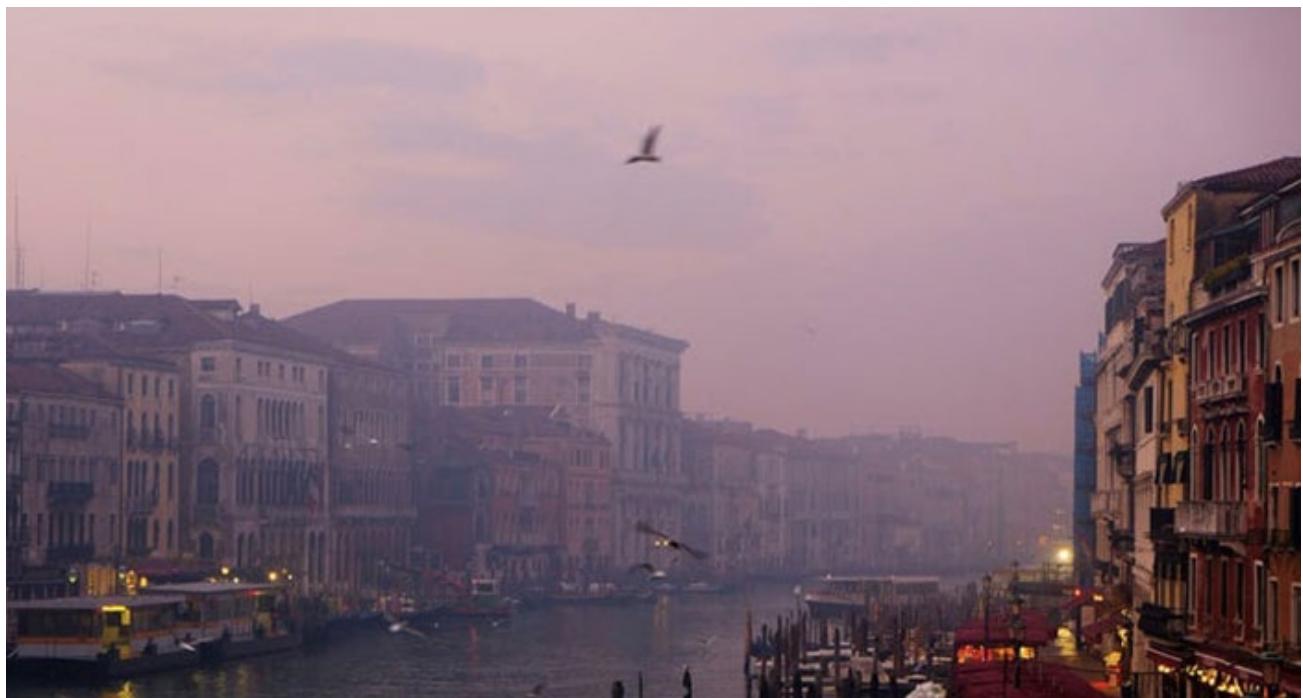
# CURRENT NEWS

## The other side of the story

But the air pollution decrease wasn't the only effect that the virus had on our planet. The decrease of tourism and movement in the cities has contributed to nature, as in the case of Venice, its channels are clean and small fish have returned to inhabit the waters that were previously polluted and very crowded by boats.

The WWF, the World Wide Fund for Nature, expressed in a statement as "The health crisis should serve as an alert". No doubt, if people stop using your car, if the factories close and the planes and ships stop their paths the planet will see the difference.

The United Nations Environment Program certifies that the increase in global temperature to 1.5 degrees Celsius above the average should be avoided by reducing 7.6% of greenhouse gas emissions, a figure that, due to the Covid-19, can still be reached this 2020. However, could humanity change the long-term behavior? Unfortunately, levels are not expected to be maintained after this phase of environmental relief because, while economies recover and everything returns to normal, mentalities remain consumerist, ignorant and insensitive.



By Sofia Puglielli

*The Grand Cannaal, Venice, Italy.*

The corona virus

## CURRENT NEWS

### Living during a worldwide pandemic

The Corona Virus situation worsened in March. On March 16 the schools in Germany closed. From this day on my daily life changed. Instead of going to school as usual , our teachers sent us work via email. Furthermore I stopped visiting my grandparents and meeting my friends. My everyday life is completely different now. My day starts with printing out worksheets which my teachers sent to me and doing my work for school. I now have the chance to decide when I will work on which subject. Studying only at home can be hard. It is not the same as sitting in class and being able to immediately ask someone for help. But knowing that this is a way to stop the Corona Virus from spreading makes it easier.Although I cannot meet my friends at the moment , I am still able to see them. My friends and I text and call each other more often now.The good thing of my self isolation is that I have more freetime. I started to spendmore time with my family. Moreover I do more chores ,as well as Gardening. Laying in the sun in my own garden or going for a walk has been a good way to relax at this time. All in all having more time for myself has its advantages.Being in self isolation also makes me feel helpful, because every person that is being careful is important. Knowing that the situation keeps getting better in Germany is very relieving.

By Fabienne Biglewski

On March 11th **the schools in Madrid (Spain) were closed**. The government declared the state of alarm due to the coronavirus pandemic, at first it was only going to be 15 days, but the situation worsened and today we have been in our homes for 2 months , to avoid contagion. During those 2 months, apart from teaching online, I have tried to be with my family and call my friends as much as possible. Apart from that I have tried to do new things, like learning how to cook, making necklaces for summer and catching up with series and movies I wanted to watch. I'm not going to lie to you, these have been difficult days, but I think they have helped me to grow and mature. Now I'm looking forward to meeting up with my family and friends again and to enjoy my summer as much as possible.

By: Irene Galvache Barco





### FAKE NEWS AWARENESS !!

During this period of emergency, there have been many fake news going on and it is not always easy to tell whether they are true or not. This is an example of how powerful social media can be. We must be aware of this and be very careful with the sites we are reading the news on. Browsing we can find many remedies against coronavirus, but we must not follow them because they can be false and wait for the indications of the newspaper. Check the following headline: "Drinking oil, eating garlic, drinking alcohol, having honey can prevent you from getting coronavirus." Do you believe it, or not? For sure it is not trustworthy. If that would prevent you from getting infected by the virus, I assure you there would not have been as many infections as they have. Before believing such things, we should wait until the experts tell us their opinions on it and we have to bear in mind that a cure to the virus has not been found yet. This type of fake news can endanger our health, that is one of the reasons we should not listen to them. We have to check the news to update and not to click on the various sites we find on the Internet or on the social networks. To sum up, not all the news we get in social media are true. Before believing them, we need to check if the site we are reading it on is either official or valid.

Brought to you by **Geo Darie and Marina de la Nogal**.

# CURRENT NEWS

**Coronavirus is a virus that appeared in Wuhan, in China, by the end of December 2019 that can cause infections in people.**

COVID-19 is the disease that is caused by the infection of the SARS-COV-2 coronavirus. The symptoms are similar to the flu, for example, fever, cough, shortness of breath (difficulty breathing), tiredness. In more severe cases it can progress to severe pneumonia with acute respiratory failure, kidney failure and it can even lead to death. COVID-19 can be transmitted by respiratory droplets, direct contact with infected secretions and aerosols in some therapeutic procedures that produce them (for example nebulisations). Currently, treatment for COVID-19 is directed at the signs and symptoms that patients have. There is still no specific treatment for this infection, according to published information.

by Carolina Miguel, Inês Nascimento



## COVID-19 INFECTS MARINHA GRANDE COMPLETE

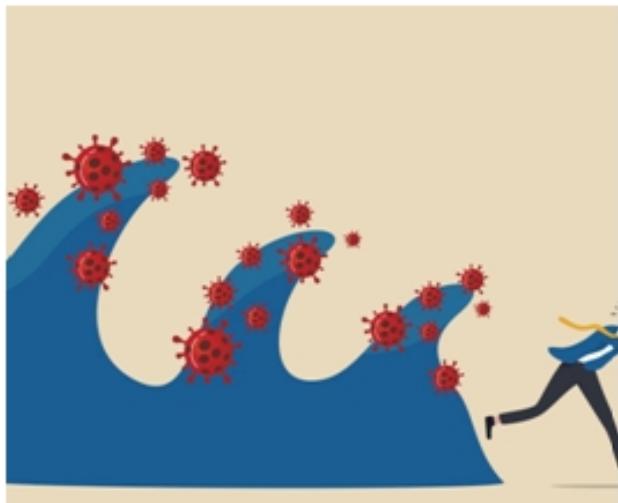
Last Friday, on the 13th of March, hundreds of people were infected by the new coronavirus in Marinha Grande.

About 50% of those infected are in serious condition in the hospital of Leiria, 40% of those infected are free from danger and are in quarantine and 10% of those infected didn't resist the virus.

One of the deaths was a doctor who postponed his marriage in order to fight the virus in Leiria. Due to the great spread of the virus in Marinha Grande all schools were closed as well as some factories and commercial areas.

Pharmacies are still offering masks and disinfectants. These are some of the measures taken by the Mayor of Marinha Grande.

by Gabriela Filipa and Patricia Silva



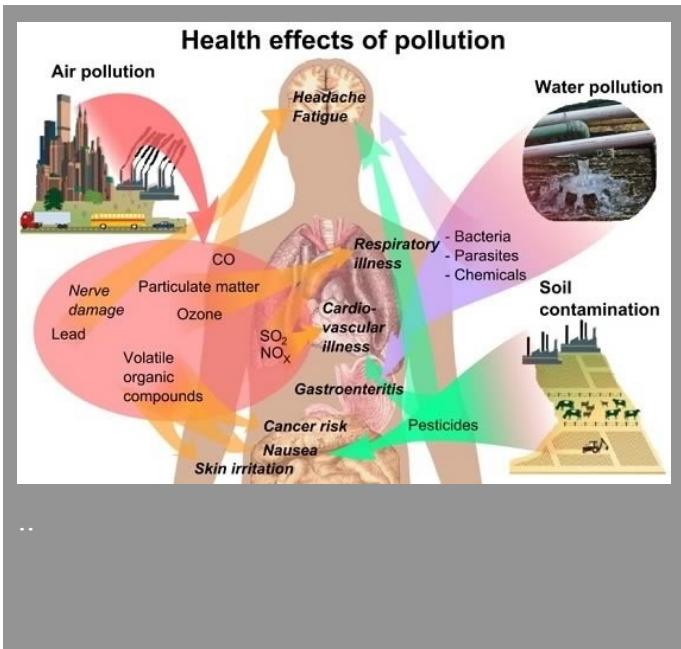
# CURRENT NEWS

## The pollution decreases because of Covid-19

China and Italy, many countries put in quarantine whole populations to contain the new coronavirus. One effect was the drastic reduction of global pollution, which could end up saving lives.

In the mid of uncertainty and the panic situation generated by the Covid-19 pandemic, the new coronavirus ended up producing some positive effects thanks to the shutdown of industries and reduced traffic. Satellite images taken from January to March by the European Space Agency and North counterpart NASA show a drastic reduction in nitrogen dioxide emissions. One of the regions where the effect is more visible, is in the North of Italy. The NO<sub>2</sub> is emitted to the atmosphere mainly by the combustion of vehicles and factories with an especially strong incidence in China, but also by other large industrial centres. The reduction in domestic flights in Europe has also resulted in a 25% reduction in carbon dioxide emissions since mid February.

by Rafael Santos from Portugal



## NOISE AND AIR POLLUTION DECREASE DUE TO GLOBAL PANDEMIC

In the United Kingdom, the noise and air pollution has been reduced by 20% in the main cities such as London, Belfast, Cardiff, Manchester and many other towns due to the coronavirus lockdown. Many other countries are willing to extend the quarantine by summer. Environmentalists are making campaigns to raise money for governments to help families in need in the United Kingdom as some people are getting angry because of the lockdown extension. European environmentalists hope to keep this cleaner quality in the future, long after the virus tragedy.

by Pedro Francisco (Portugal)



## CURRENT NEWS



### WHY BREXIT HAPPENED

The British never wanted to go along with everything that the EU decided. For example they have the pound as their currency, while in most EU Member States you pay with the euro. Many people do not like the fact that so many EU citizens from other countries are allowed to come to their country and work and live there. In their opinion, the United Kingdom should be able to decide on many things that are decided in the EU. Another important point was the financial crisis. British politicians did not want to pay money for Greece at that time. But there are even more reasons for the British to criticise the EU. The then Prime Minister, David Cameron, tried to negotiate individual things with the EU and to give his country more freedom. That failed! He got a lot of pressure from other British politicians. That is why he initiated the so-called EU-Referendum. The citizens of the United Kingdom should be able to vote whether or not their country should remain in the EU. BREXIT: This word consists of Britain and exist. All British citizens were called upon to vote on whether their country should remain in the European Union (EU) or leave. Most people voted to resign. The country was and still is very divided. The majority was narrow, 51.9% of the people voted for the Brexit. At midnight on January 31st, 2020 Great Britain officially left the European Union.

By Kanita Kamic

## CURRENT NEWS

### Feature story

#### Heartwarming story about afghan refugees helping Turkey fight the corona virus

A group of about 12 Afghan refugees, in Turkey, Kayseri are helping locals to produce soap and face masks for protection. The volunteers teamed to do this, and donated them to state hospitals, migrant health centres and local NGOs. "Within the first two weeks of the mask production, 15,000 masks were produced" Selin Unal, UNHCR Turkey spokesperson. But not only are they donating to hospitals, 2600 soaps will be distributed to refugees and community locals.

Ali Hekmat, who had moved 2009 from Afghanistan to Kayseri, is happy to have a normal life- and his kids to have opportunities to go to school. He thanks Turkey for welcoming him, says he can give something back by helping in such crisis. The refugees, some of them tailors, are using five sets of sewing machines to prepare the cloth masks. They are aiming at producing 30,000 masks by the end of the 30-day programme. "

"There was a shortage of masks. I wanted to use the refugees' talent and locally available fabric to show that we, refugees, can also contribute to the response of the pandemic and not just rely on assistance," Hekmat said. She said the coronavirus has impacted people across the world. "In this situation... it's our duty to help the people in any way."

<https://www.aljazeera.com/news/2020/06/afghan-refugees-helping-turkey-fight-coronavirus-200610093840716.html>

By Kamile Bülbül



# CURRENT NEWS

## News story

### Demonstrations against lockdown Germany

The lockdown because of the coronavirus is not a new thing anymore- Germany has been in it since around the end of March. But some citizens have become tired of it and started to protest against it: anti lockdown protestors. The demonstrations include major cities such as Berlin, Stuttgart and Munich. The public broadcaster Deutsche Welle reported more than 5000 people participated in Stuttgart, 1000 in the other cities. Many protestors were calm, whilst others had featured right-wing slogans and anti-Semitic conspiracy theories; there were some clashes between these protesters and counter-protesters.

Although Germany was easing rules, such as re-opening shops, opening schools, being allowed to meet with friends, the protestors were not satisfied with it. They don't want to wear masks nor do they want to accept the fact that there is a pandemic with a disease, which causes deaths. Protesting against important rules to keep safety is not good, it can just keep the virus spreading.

<https://www.cnbc.com/2020/05/18/anti-lockdown-protests-germany-uk-and-poland.html>

By Kamile Bülbül



Photo by Silvia Gralla.  
[https://www.infranken.de/regional/kitzingen/fotoserie-vom-wochenende-erste-proteste-gegen-den-lockdown-part218\\_1000257](https://www.infranken.de/regional/kitzingen/fotoserie-vom-wochenende-erste-proteste-gegen-den-lockdown-part218_1000257)



## UEFA competitions to resume in August

The UEFA Executive Committee met on Wednesday via video conference and made various decisions on the rules, format, schedule and venues at various UEFA club competitions and at national team competitions.

About these decisions, Aleksandr Čeferin, UEFA President, said: "I am delighted that we can resume almost all of our competitions. I am confident that we will not have to endure the absence of the fans for long and that they will be able to be in the stadiums sooner rather than later." "UEFA made the bold decision to postpone UEFA EURO 2020.

But in doing so, we created the space that has allowed national club competitions across the continent to resume, where possible, and to be played until the end.

Although the game has suffered enormous difficulties as a result of the pandemic, those setbacks would have been much harder if we had not shown leadership in those early days.

Reporter: José Manuel Fernández Oltra



## The Champions League

The Champions League is the most important Club football tournament!

In the Champions League only the best teams of Europe compete with one another. They play in groups of 4 for the knockout stage. It is the most important competition in club football, and everyone has the dream to win the trophy with his team, but it is a long and hard way, to reach it! I have been watching the Champions League since 2012 and I saw so much brilliant matches of the biggest teams in Europe. I hope the Champions League will still be the biggest competition in ten years from now.

Reporter: **Rocco** from Germany

## **SPORTS**

### **Visit from a sports journalist On Friday, March 13th, 2020**

Mr. Meyer-Adams , who worked as a sports journalist in the past, visited us. He studied for two years and after that he was an editor-in-chief for a local newspaper. It was his dream job because he was very passionate about sports and loved writing about it.

Mr. Meyer-Adams told us many exciting stories about his work life and interesting facts about his job. As a sports journalist he had to travel a lot to see soccer games or the olympic games for example.

Due to the traveling he got to see many places and got to know new people. This also meant that he had to leave his wife home alone with their children for a few weeks sometimes. Watching the games he had to write down the article very quickly.

When he stayed in another country he had to read his written article out loud to someone who works for the newspaper via telephone. In the night the workers made the article ready to be printed and given out in the morning. Mr. Meyer-Adams was very excited when he told us the story of a young man. This man was a young runner and met Mr. Meyer-Adams in Germany. Later he suddenly won the olympic games. Mr. Meyer-Adams was also there to watch the game and the young runner recognised him and talked to him.

The other journalists were shocked because no one knew how he could know him.

Experiences like this are unforgettable he told us. Even though he had to work hard for his job and sometimes even had to leave his family behind, he never wanted to quit because it was his passion.

The love for sports and writing and the chance to travel to many places made it worth it.



Reporter: **Fabienne  
Biglewski**

## Grand theft auto VI

The whole gaming world is waiting for the release of "grand theft auto VI". Rockstar Games is working since 2014, to create the best new Open World Shooter game. The new map is set to be the size of "grand theft auto V" and "Red Dead Redemption 2" combined, so the map will be very, very, very large. Setting will be based on Florida and the game will take place in the 1980s with several time jumps. There are 4 protagonists in the game, Walther Wallace, a driver, then an Israeli former IDF guy, Thomas Branigan who has a smuggling plane called the raven, and the fourth guy is marcus burke, a single father of a son. Different than in RDR and GTA V the mission design is not linear. The story is about the drug trade and you very briefly visit a small island in central america but it is not guarma as in RDR2. The game retains the cores from RDR2 and they function much in the same way as they did in RDR2, except that the fortifying items are changed to resemble drugs. Character switching is not instant, but it is apparently more entertaining than it was last time. Instead of the game zoming out, the camera just travels quickly to where your desired protagonist is.



Weapon functions are more realistic than they in GTA V and if you accidentally kill side characters or random NPCs it will alter the mission outcomes. Hand to hand combat is retained from RDR2 except its harder to fight using hand to hand in GTA 6 than in GTA V. You can gain weight, and it affects the same attributes as they did in RDR2, except also what kind of body armor you can use. It is not very realistic, that the release will be in 2020 so we will probably have to wait a few more years

By Louis (Germany)



"Reencuentro". Museo Nacional del Prado



The forge of Vulcan

## New exhibition at the Prado Museum

### **The Prado National Museum celebrates its "Reunion" with all citizens**

Monday, June 22, 2020

The Museo Nacional del Prado tours the most emblematic works of "Reunion" through the voice of Sheila Blanco who puts the lyrics to Vivaldi's composition "El verano".

"Reunion" is a montage that, made up of 249 works, follows a preferably chronological order, from the 15th century to the dawn of the 20th century, but given its exceptional nature, it dilutes the traditional distribution by national schools and proposes dialogues between authors and separate paintings for geography and time; associations that tell us about influences, admiration and rivalries and point out the deeply self-referential nature of the Prado Museum collections.

The contemplation in the same space of The Annunciation by Fra Angelico and The Descent from Van der Weyden, the Saturn by Goya and Rubens, and Las Meninas and Las Hilanderas by Velázquez, among other many masterpieces of universal painting, provide exciting moments and a kind of exceptional dialogue.

By **JMFO**

# SCIENCE



"Science is simply the word we use to describe a method of organizing our curiosity"

Science is valued by society because the application of scientific knowledge helps to satisfy many basic human needs and improve living standards. It is everywhere in today's world. It is part of our daily lives, from cooking and gardening, to recycling and comprehending the daily weather report, to reading a map and using a computer. It helps human beings in all aspects of their lives and a great example of that is organ transplantation.

Over the past 50 years organ transplantation has become established worldwide with ever-improving results, conferring immense benefit to hundreds of thousands of patients.

The general principles of the surgical procedures and organ preservation have been accepted for all organ transplants, but the biology of graft rejection is still only partly understood.

Organ transplantation is often the only treatment for end state organ failure, such as liver and heart failure. Although end stage renal disease patients can be treated through other renal replacement therapies, kidney transplantation is generally accepted as the best treatment both for quality of life and cost effectiveness. Kidney transplantation is by far the most frequently carried out transplantation globally.

Ricardo y Ana M.

## SCIENCE

Spain has been the world leader in organ donation and transplantation for 28 years straight. It demonstrated its ability to constantly improve in 2018 by reaching 48 donors per million population, a total of 2,243 donors enabling 5,314 organs to be transplanted.



Also, science improves our lives by providing us with energy.

Science provides us with energy for everything, which implies that we are not cold in winter, nor hot in summer. It allows lighting our homes, workplaces, or getting spectacular decorations. It makes many devices work with electric current. It also allows us to transport ourselves in a variety of vehicles. With energy in the form of heat we are able to create works of art (for example, ceramics) or useful instruments (like household utensils). Household appliances make household chores easier. And countless other applications that make our lives much more comfortable.

In conclusion, science is important in our daily life because it is what helps to cure illnesses like the flu or perhaps one day cancer. It helps us manufacture new materials to build stronger buildings and lighter planes. Science provides electricity to charge your phone and run the computer you are currently using. It helps us understand the human body and what to put in it and how to make it better and smarter.

By Ricardo Gómez and Ana María Díaz



SUDOKUS AND LETTER SOUPS

# WHAT ARE SUDOKUS AND LETTER SOUPS

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

A sudoku is a math game that was invented in the late 1970s, was frequently acquired in Japan in the 1984 decade, and became known internationally in 2005 when many newspapers began publishing in their hobbies section.

By Jimena (SPAIN)

A letter soup is a hobby invented by Pedro Ocón de Oro, one consisting of a grid or other geometric shape filled with different letters to form words.

## SUDOKUS AND LETTER SOUPS



### How is it done?

**The sudoku:** The objective of the sudoku is to fill a  $9 \times 9$  cell grid (81 squares) divided into  $3 \times 3$  sub-grids (also called "boxes" or "regions") with the figures from 1 to 9 based on some numbers already arranged in some of the cells. It is only worth putting a number for each box. Also, a number can only appear once in each row, once in each column, and once in each region.

**The letter soup** is a game that consists of discovering a certain number of words by linking these letters horizontally, vertically or diagonally and in any sense, both from left to right and from right to left (which implies the possibility that some words are spelled backwards), and both from top to bottom, and from bottom to top.

## TYPES OF HOBBIES

- Crosswords
- Letter soup
- Crossing words

# SUDOKUS AND LETTER SOUPS

## TRICKS TO MAKE IT FASTER

### SUDOKU

The **first** strategy is to track the Sudoku across a specific number anywhere on the grid. In this way, we can easily see where there can be no more repetition of that number.

The **second** we go to the logical analysis, something essential to solve this kind of games. Subscript and dot notations are often used. With the subscripts we write the candidate numbers in small. If the Sudoku boxes are very small, we will have to make a larger copy to develop it better. Dot notation is more subtle.

The **third** and the last is crossing out written numbers in a higher list. As if we were talking about trial and error tests, something that helps us discover numbers that may be leaving our attention.

### LETTER SOUP

Look at the first letter of the word that you want to find and search only that letter in the soup of letters, when you find the letter search in the 8 boxes that are around the second letter, if not the second letter is still looking for another.. and the most important thing is that you follow an order.



Tips and  
Tricks

# THE GOALS OF MAKING SUDOKUS AND LETTER SOUP



HAVE FUN



ENTERTAINMENT

